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This issue of WILDLIFE REVIEW is published without Kenneth Chiavetta being the chief editor. Ken, who started with WILDLIFE REVIEW in 1959, retired as of 3 December 1983. Under his direction WILDLIFE REVIEW expanded coverage to include several hundred foreign publications. Only Ken's remarkable linguistic skills made this possible and his retirement will greatly reduce the coverage of foreign literature. Ken, a pioneer in information transfer, maintained the philosophy that WILDLIFE REVIEW was a quick and timely method of information dissemination to research biologists in remote areas, a philosophy we will continue to support.

SOILS

84-000001 Cowan, E. Selden. SOIL SURVEY OF ST. JOSEPH COUNTY, MICHIGAN. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 108p. Apr. 1983. From Monthly Catalog of U.S. Government Publications 83-23294. Dec. 1983. WR 192

84-000002 Craddock, William H. SOIL SURVEY OF BOYLE AND MERCER COUNTIES, KENTUCKY. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 149p. Apr. 1983. From Monthly Catalog of U.S. Government Publications 83-21570. Nov. 1983. WR 192

84-000003 Elwonger, W. G. SOIL SURVEY OF CROOK COUNTY, WYOMING. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* ix + 320p. May 1983. From Monthly Catalog of U.S. Government Publications 83-23293. Dec. 1983. WR 192

84-000004 Jacobson, Malvern N. SOIL SURVEY OF CLAY COUNTY, MINNESOTA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* ix + 212p. Nov. 1982. From Monthly Catalog of U.S. Government Publications 83-14743. July 1983. WR 192

84-000005 Johnson, John H. SOIL SURVEY OF MUSCOGEE COUNTY, GEORGIA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 130p. Apr. 1983. From Monthly Catalog of U.S. Government Publications 83-20041. Oct. 1983. WR 192

84-000006 Jones, Robert G. SOIL SURVEY OF KOSSUTH COUNTY, IOWA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* ix + 185p. Jan. 1983. From Monthly Catalog of U.S. Government Publications 83-14748. July 1983. WR 192

84-000007 Kiefer, Linus M. SOIL SURVEY OF IROQUOIS COUNTY, ILLINOIS. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 184p. Oct. 1982. From Monthly Catalog of U.S. Government Publications 83-14747. July 1983. WR 192

84-000008 Knezevich, Clarence A. SOIL SURVEY OF POLK COUNTY, OREGON. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* x + 250p. Oct. 1982. From Monthly Catalog of U.S. Government Publications 83-14750. July 1983. WR 192

84-000009 Matthews, Dayton. SOIL SURVEY OF JEFFERSON PARISH, LOUISIANA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 95p. Jan. 1983. From Monthly Catalog of U.S. Government Publications 83-18500. Sept. 1983. WR 192

84-000010 Ruesch, Donald R. SOIL SURVEY OF WABASH COUNTY, INDIANA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* ix + 195p. Feb. 1983. From Monthly Catalog of U.S. Government Publications 83-16712. Aug. 1983. WR 192

84-000011 Shively, Jerold L. SOIL SURVEY OF DECATUR COUNTY, INDIANA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* viii + 146p. Jan. 1983. From Monthly Catalog of U.S. Government Publications 83-16710. Aug. 1983. WR 192

SOILS (CONTINUED)

84-000012 Smith, Christopher W. SOIL SURVEY OF ISLANDS OF PALAU, REPUBLIC OF PALAU. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 120p. Mar. 1983. From Monthly Catalog of U.S. Government Publications 83-21572. Nov. 1983. WR 192

84-000013 Soil Conservation Service. SOIL SURVEY OF ROCKINGHAM COUNTY, VIRGINIA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* ix + 233p. Nov. 1982. From Monthly Catalog of U.S. Government Publications 83-14751. July 1983. WR 192

84-000014 Soil Conservation Service. SOIL SURVEY OF CHASE COUNTY, NEBRASKA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 87p. Nov. 1982. From Monthly Catalog of U.S. Government Publications 83-14742. July 1983. WR 192

84-000015 Soil Conservation Service. SOIL SURVEY OF CLARK COUNTY, KANSAS. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 121p. Dec. 1982. From Monthly Catalog of U.S. Government Publications 83-12783. June 1983. WR 192

84-000016 Soil Conservation Service. SOIL SURVEY OF HUNTINGTON COUNTY, INDIANA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 120p. Dec. 1982. From Monthly Catalog of U.S. Government Publications 83-12785. June 1983. WR 192

84-000017 Soil Conservation Service. SOIL SURVEY OF PEARL RIVER COUNTY, MISSISSIPPI. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 124p. 21 Jan. 1983. From Monthly Catalog of U.S. Government Publications 83-12786. June 1983. WR 192

84-000018 Soil Conservation Service. SOIL SURVEY OF SHAWANO COUNTY, WISCONSIN. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* ix + 216p. Oct. 1982. From Monthly Catalog of U.S. Government Publications 83-12787. June 1983. WR 192

84-000019 Soil Conservation Service. SOIL SURVEY OF WILLIAMSON COUNTY, TEXAS. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 152p. Jan. 1983. From Monthly Catalog of U.S. Government Publications 83-14753. July 1983. WR 192

84-000020 Soil Conservation Service. SOIL SURVEY OF CLARKE COUNTY, VIRGINIA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* ix + 211p. Sept. 1982. From Monthly Catalog of U.S. Government Publications 83-12784. June 1983. WR 192

84-000021 Soil Conservation Service. SOIL SURVEY OF INDEPENDENCE COUNTY, ARKANSAS. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 148p. Dec. 1982. From Monthly Catalog of U.S. Government Publications 83-14746. July 1983. WR 192

84-000022 Soil Conservation Service. SOIL SURVEY OF GREENWOOD COUNTY, KANSAS. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vi + 116p. Oct. 1982. From Monthly Catalog of U.S. Government Publications 83-16711. Aug. 1983. WR 192

SOILS (CONTINUED)

84-000023 Soil Conservation Service. SOIL SURVEY OF HOLT COUNTY, NEBRASKA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* ix + 307p. Mar. 1983. From Monthly Catalog of U.S. Government Publications 83-21571. Nov. 1983. WR 192

84-000024 Struck, Warren M. SOIL SURVEY OF COLLETON COUNTY, SOUTH CAROLINA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 152p. Dec. 1982. From Monthly Catalog of U.S. Government Publications 83-14744. July 1983. WR 192

84-000025 Stuckey, Benjamin N. SOIL SURVEY OF GEORGETOWN COUNTY, SOUTH CAROLINA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 97p. Dec. 1982. From Monthly Catalog of U.S. Government Publications 83-14745. July 1983. WR 192

84-000026 Turner, August J. SOIL SURVEY OF WILLACY COUNTY, TEXAS. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 137p. Dec. 1982. From Monthly Catalog of U.S. Government Publications 83-14752. July 1983. WR 192

CONSERVATION EDUCATION

84-000027 Flader, Susan L. ALDO LEOPOLD'S CHALLENGE TO EDUCATORS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:33-41. 1983. WR 192
[Dep. Hist., Univ. Mo., Columbia]

84-000028 Keefe, James F. THE CHANGING FACE OF CONSERVATION INFORMATION. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:74-76. 1983. WR 192
[Dep. Conserv., Jefferson City, MO]

84-000029 Levitt, Alan; Inez Connor; Megan Durham and David Klinger. USING NATIONAL NEWS MEDIA IN WILDLIFE CONSERVATION INFORMATION. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:50-57. 1983. WR 192
[U.S. Fish & Wildl. Serv., Washington, DC 20240]

84-000030 Mattoon, John. ROLE OF FEDERAL WILDLIFE INFORMATION OFFICES. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:63-65. 1983. WR 192
[U.S. Fish & Wildl. Serv., Washington, DC 20240]

84-000031 Palladino, Al. A PROFESSIONAL APPROACH TO CONSERVATION EDUCATION. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:70-73. 1983. WR 192
[Dep. Conserv., Jefferson City, MO]

84-000032 Riley, Cheryl K. WHEN LEARNING BECOMES FUN. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:81-85. 1983. WR 192
[Dep. Conserv., Jefferson City, MO]

84-000033 Vance, Joel M. A PRACTICAL AND PROFESSIONAL APPROACH TO CONSERVATION REPORTING. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:66-69. 1983. WR 192
[Dep. Conserv., Jefferson City, MO]

CONSERVATION EDUCATION (CONTINUED)

84-000034 Way, Ron. PUBLICIZING CONSERVATION NEEDS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:58-62. 1983. WR 192
[Natl. Wildl. Federation, Washington, DC]

84-000035 Witter, Daniel J. and Steven L. Sheriff. OBTAINING CONSTITUENT FEEDBACK: IMPLICATIONS FOR CONSERVATION PROGRAMS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:42-49. 1983. WR 192
[Dep. Conserv., Jefferson City, MO]

84-000036 Wylie, John E. INTERPRETING THE WILD WORLD. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:77-80. 1983. WR 192
[Dep. Conserv., Jefferson City, MO]

BIBLIOGRAPHIES, DIRECTORIES, HISTORY, AND BIOGRAPHIES

84-000037 Jenkins, J. A. F., compiler. A PRELIMINARY LIST OF PACIFIC ISLAND BIRD LITERATURE. *Australasian Seabird Group Newsl.* No. 19. 75p. Sept. 1983. WR 192
[14 Lochiel Rd., Remeura, Auckland, New Zealand]

84-000038 Kožená, Ivana. ČESKOSLOVENSKÁ ORNITOLOGICKÁ BIBLIOGRAFIE 1979-1980. [CZECHOSLOVAK ORNITHOLOGICAL BIBLIOGRAPHY 1979-1980.] *Vertebr. Zprávy* 1982:75-90. 1982. WR 192

PLANTS--HABITAT SURVEYS

84-000039 Parada, N. D. J.; Y. E. Shimabukuro; J. R. Dossantos and L. C. S. Deaquino. VEGETATION SURVEY IN AMAZONIA USING LANDSAT DATA. *Inst. Pesquisas Espaciais (Brazil)* NASA-CR-169579. 8p. May 1982. From U.S. Government Reports 83(10):2173. 13 May 1983. Available from NTIS as N83-14577/1. WR 192

84-000040 Parada, N. D. J. and P. H. Filho. UTILIZACAO DE IMAGENS ORBITAIS DO SATELLITE LANDSAT PARA ESTUDO DA VEGETACAO DE CERRADO. [USE OF LANDSAT IMAGES TO STUDY CERRADO VEGETATION.] *Inst. Pesquisas Espaciais (Brazil)* NASA-CR-169498. 6p. Aug. 1982. From U.S. Government Reports 83(10):2173. 13 May 1983. Available from NTIS as N83-13519/4. In Portuguese with English summ. WR 192

WILDLIFE--GENERAL

84-000041 Bernstein, B. B. ECOLOGY AND ECONOMICS: COMPLEX SYSTEMS IN CHANGING ENVIRONMENTS. *Annu. Rev. Ecol. Syst.* 12:309-330. 1981. From Ecol. Abstr. 1982/6:82L/7518. 1982. WR 192

84-000042 Calder, William A. III. REPRODUCTIVE SUCCESS AND AVERAGE LIFETIME NATALITY. *Oikos* 41(2):288-289. Oct. 1983. In English. WR 192
[Dep. Ecol. & Evol. Biol., Univ. Ariz., Tucson 85721]

WILDLIFE--GENERAL (CONTINUED)

84-000043 Dombrovskii, Yu. A. and G. S. Markman. INFLUENCE OF ENVIRONMENTAL SEASONAL PERIODICITY ON THE DYNAMICS OF THE PREDATOR-PREY SYSTEM. A MATHEMATICAL MODEL. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 269(1-6):131-135. Sept. 1983. Translated from Dokl. Akad. Nauk SSSR 269(5):1275-1277. Apr. 1983. WR 192
[M.A. Suslov Rostov State Univ., Rostov-on-Don, USSR]

84-000044 Freedman, H. I. and V. Sree Hari Rao. THE TRADE-OFF BETWEEN MUTUAL INTERFERENCE AND TIME LAGS IN PREDATOR-PREY SYSTEMS. *Bull. Math. Biol.* 45(6):991-1004. 1983. WR 192
[Dep. Math., Univ. Alberta, Edmonton, Alberta, Canada T6G 2G1]

84-000045 Herschler, Ed. RETENTION OF FEDERAL (PUBLIC) LANDS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:10-14. 1983. WR 192

84-000046 Krug, Diane. HISTORICAL CHANGES IN ZOOLOGICAL MANAGEMENT: HOW IT AFFECTS A NEW ZOO. *Anim. Keepers' Forum* 10(12):398-403. Dec. 1983. WR 192
[Riverbanks Zool. Park, Columbia, SC]

84-000047 Levine, Daniel S. BIFURCATING PERIODIC SOLUTIONS FOR A CLASS OF AGE-STRUCTURED PREDATOR-PREY SYSTEMS. *Bull. Math. Biol.* 45(6):901-915. 1983. WR 192
[Dep. Math., Univ. Houston, Central Campus, Houston, TX 77004]

84-000048 Marcot, Bruce G.; Martin G. Raphael and Kristin H. Berry. MONITORING WILDLIFE HABITAT AND VALIDATION OF WILDLIFE-HABITAT RELATIONSHIPS MODELS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:315-329. 1983. WR 192
[Coop. Wildl. Res. Unit., Dep. Fish & Wildl., Oreg. State Univ., Corvallis]

84-000049 Martin, W. and W. Sobey. IMPROVEMENT OF SEABIRD NESTING HABITAT ON BOWEN ISLAND, NEW SOUTH WALES BY ERADICATION OF RABBITS. *Corella* 7(2):40. June 1983. WR 192
[Conserv. & Agric. Sect., Dep. Capital Territory, Canberra, A.C.T. 2600, Australia]

84-000050 Mitchell, John E. ANALYSIS OF FORAGE PRODUCTION FOR ASSESSMENTS AND APPRAISALS. *U.S. For. Serv. Gen. Tech Rep.* RM-98. 26p. June 1983. WR 192
[Rocky Mountain For. & Range Exp. Stn., Fort Collins, CO 80526]

84-000051 Nash,.Donald J. SMALL POPULATIONS: OBSERVED GENETIC EFFECTS. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 34-42. 1982. WR 192
[Dep. Zool. & Entomol., Colo. State Univ., Fort Collins 80523]

84-000052 Nichols, James D. and Kenneth H. Pollock. ESTIMATING TAXONOMIC DIVERSITY, EXTINCTION RATES, AND SPECIATION RATES FROM FOSSIL DATA USING CAPTURE-RECAPTURE MODELS. *Paleobiology* 9(2):150-163. 1983. WR 192
[Migratory Bird Res. Stn., Patuxent Wildl. Res. Cent., Laurel, MD 20708]

WILDLIFE--GENERAL (CONTINUED)

84-000053 Novozhenov, Yu. I. POPULATION STRUCTURE AND POLYTYPIC CAPACITY OF SPECIES. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 14(2):67-71. Nov. 1983. Translated from Ekologiya 1983(2):3-8. Mar.-Apr. 1983. WR 192
[Sverdlov Teachers' Coll., Sverdlov, USSR]

84-000054 Pettus, David. POTENTIAL GENETIC EFFECTS OF SMALL POPULATION SIZE IN WILDLIFE. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 25-33. 1982. WR 192
[Dep. Zool. & Entomol., Colo. State Univ., Fort Collins 80523]

84-000055 Rhode Island University. A CHARACTERIZATION OF MARINE MAMMALS AND TURTLES IN THE MID- AND NORTH-ATLANTIC AREAS OF THE U.S. OUTER CONTINENTAL SHELF. ANNUAL REPORT FOR THE CETACEAN AND TURTLE ASSESSMENT PROGRAM. *R.I. Univ. (Kingston)* BLM/YL/TR-82/01. 717p. 1982. From U.S. Government Reports 83(8):1534. 15 Apr. 1983. Available from NTIS as PB83-149906. WR 192

84-000056 Strathmann, Richard R. and Montgomery Slatkin. THE IMPROBABILITY OF ANIMAL PHYLA WITH FEW SPECIES. *Paleobiology* 9(2):97-106. 1983. WR 192
[Friday Harbor Lab. NJ-22, Univ. Wash., Seattle 98195]

84-000057 Takeuchi, Yasuhiro and Norihiko Adachi. EXISTENCE AND BIFURCATION OF STABLE EQUILIBRIUM IN TWO-PREY, ONE-PREDATOR COMMUNITIES. *Bull. Math. Biol.* 45(6):877-900. 1983. WR 192
[Dep. Appl. Math., Fac. Eng., Shizuoka Univ., Hamamatsu 432, Japan]

WILDLIFE--TECHNIQUES

84-000058 Baker, R. Robin and M. V. Hounsome. BIRD COLORATION: UNPROFITABLE PREY MODEL SUPPORTED BY RINGING DATA. *Anim. Behav.* 31(2):614-615. May 1983. WR 192
[Dep. Zool., The University, Manchester, M13 9PL, England]

84-000059 Beardall, Gillian Margaret. CORRELATING ANIMAL SPECIES AND HABITAT FACTORS. *M.S. thesis, Univ. Witwatersrand (South Africa)* 1982. From Masters Abstr. 21(1):21. Mar. 1983. WR 192

84-000060 Beasom, Samuel L.; Ernie P. Wiggers and John R. Giardino. A TECHNIQUE FOR ASSESSING LAND SURFACE RUGGEDNESS. *J. Wildl. Manage.* 47(4):1163-1166. Oct. 1983. WR 192
[Caesar Kleberg Wildl. Res. Inst., Tex. A&I Univ., Kingsville 78363]

84-000061 Brooks, Robert T. and Charles T. Scott. QUANTIFYING LAND-USE EDGE FROM AERIAL PHOTOGRAPHS. *Wildl. Soc. Bull.* 11(4):389-391. 1983. WR 192
[U.S. For. Serv., Northeastern For. Exp. Stn., 370 Reed Rd., Broomall, PA 19008]

WILDLIFE--TECHNIQUES (CONTINUED)

84-000062 Cole, Charles A. and Robert L. Smith. HABITAT SUITABILITY INDICES FOR MONITORING WILDLIFE POPULATIONS--AN EVALUATION. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:367-375. 1983. WR 192
[Div. For., W. Va. Univ., Morgantown]

84-000063 Hanson, Dennis G. MONITORING WILDLIFE BY WHOLE-GUILD INVENTORIES. *For. Res. West* p. 1-4. Sept. 1983. WR 192

84-000064 Quintana Díaz, Julio César. MUESTREO EN POBLACIONES DE VIDA SILVESTRE. [SAMPLING WILDLIFE POPULATIONS.] *Sexto Simp. Dep. Rec. Nat.* p. 96-100. 1980. In Spanish. WR 192
[Dep. Biol., Colegio Univ. Cayey, Cayey, PR]

84-000065 Rutledge, Brian A. COST EFFECTIVENESS IN CAPTIVE MANAGEMENT. *Zoo Biol.* 2(3):259-262. 1983. WR 192
[Baltimore Zoo, Baltimore, MD 21217]

84-000066 Saxon, E. C. MAPPING THE HABITATS OF RARE ANIMALS IN THE TANAMI WILDLIFE SANCTUARY (CENTRAL AUSTRALIA): AN APPLICATION OF SATELLITE IMAGERY. *Biol. Conserv.* 27(3):243-257. 1983. WR 192
[CSIRO, Div. Wildl. & Rangelands Res., P.O. Box 2111, Alice Springs, Northern Territory 5750, Australia]

84-000067 Seager, S. W. J. THE BREEDING OF CAPTIVE WILD SPECIES BY ARTIFICIAL METHODS. *Zoo Biol.* 2(3):235-239. 1983. WR 192
[Dep. Vet. Physiol. & Pharmacol., Coll. Vet. Med., Tex. A&M Univ., College Station 77843]

WILDLIFE--FAUNAS, NATURAL HISTORY, AND MANUALS

84-000068 Andrews, M. A. THE FLIGHT OF THE CONDOR. *Collins & BBC* 158p. 1982. From Ecol. Abstr. 1982/6:82L/7529. 1982. Price £12.95. WR 192

84-000069 Fritts, Thomas H.; A. Blair Irvine; Randy D. Jennings; Laura A. Collum; Wayne Hoffman and M. Angela McGehee. TURTLES, BIRDS, AND MAMMALS IN THE NORTHERN GULF OF MEXICO AND NEARBY ATLANTIC WATERS. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 82/65. 455p. July 1983. WR 192
[Denver Wildl. Res. Cent., Mus. Southwestern Biol., Univ. N.M., Albuquerque 87131]

84-000070 Gaston, A. J.; P. J. Garson and M. L. Hunter, Jr. THE STATUS AND CONSERVATION OF FOREST WILDLIFE IN HIMACHAL PRADESH, WESTERN HIMALAYAS. *Biol. Conserv.* 27(4):291-314. 1983. WR 192
[Canadian Wildl. Serv., Ottawa, Ontario, Canada K1A 0E7]

84-000071 Janzen, Daniel H., editor. COSTA RICAN NATURAL HISTORY. *Univ. Chicago Press (Chicago, Ill.)* xi + 816p. 1983. Price $50.00, cloth. $30.00 paper. WR 192

WILDLIFE--FAUNAS, NATURAL HISTORY, AND MANUALS (CONTINUED)

84-000071 CONTINUED
[Dep. Biol., Univ. Pa., Philadelphia] Collection of papers by 174 contributors on the natural history, wildlife, plants, and insects of Costa Rica.

84-000072 Oliver, William L. R. THE CONEY AND THE YELLOW SNAKE; THE DISTRIBUTION AND STATUS OF THE JAMAICAN HUTIA *GEOCAPROMYS BROWNII* AND THE JAMAICAN BOA *EPICRATES SUBFLAVUS*. *Dodo (J. Jersey Wildl. Preserv. Trust)* No. 19. p. 6-33. 1982. WR 192
[Jersey Wildl. Preserv. Trust, Les Augrès Manor, Trinity, Jersey, Channel Islands, United Kingdom]

84-000073 Pregill, G. K. and S. L. Olson. ZOOGEOGRAPHY OF WEST INDIAN VERTEBRATES IN RELATION TO PLEISTOCENE CLIMATIC CYCLES. *Annu. Rev. Ecol. Syst.* 12:75-98. 1981. From Ecol. Abstr. 1982/6:82L/8241. 1982. WR 192

WILDLIFE--NATURAL AREAS AND REFUGES

84-000074 Bacone, John A. COOPERATIVE FEDERAL-STATE NATURAL AREA IDENTIFICATION AND MANAGEMENT ON FEDERAL LANDS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:541-543. 1983. WR 192
[Div. Nat. Preserves, Indianapolis, IN]

84-000075 Barton, P. M. and G. P. Buckley. THE STATUS AND PROTECTION OF NOTIFIED SITES OF SPECIAL SCIENTIFIC INTEREST IN SOUTH-EAST ENGLAND. *Biol. Conserv.* 27(3):213-242. 1983. WR 192
[Recreational Serv. Dep., Manchester City Council, Manchester, England]

84-000076 Bossenbroek, Ph. and M. H. van Deursen. DE GROOTE PEEL - NIET GROOT GENOEG. [GROOTE PEEL--NOT LARGE ENOUGH.] *Vogels* No. 16. p. 148-151. July-Aug. 1983. In Dutch. WR 192

84-000077 Burns, Russell M. NATURAL AREA SELECTION AND MANAGEMENT: U.S. FOREST SERVICE PROGRAMS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:497-503. 1983. WR 192
[U.S. For. Serv., Washington, DC]

84-000078 Cantera, Lawrence. PRIVATE NATURAL AREA PROGRAMS: AN OVERVIEW. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:495-496. 1983. WR 192
[Nat. Conserv., Des Moines, IA]

84-000079 Clancey, Thomas Patrick. EFFECTS OF RENOVATION ON THE SACAJAWEA PARK LAGOON SYSTEM IN LIVINGSTON, MONTANA. *M.S. thesis, Mont. State Univ.* 54p. May 1983. WR 192
Courtesy/Robert L. Eng.

84-000080 Dawson, Kerry Joel. RECREATIONAL MANAGEMENT FOR NEWLY ESTABLISHED NATURAL AREAS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:544-550. 1983. WR 192
[Dep. Environ. Design, Univ. Calif., Davis]

WILDLIFE--NATURAL AREAS AND REFUGES (CONTINUED)

84-000081 Harwell, Hugh J. A NATIONAL PERSPECTIVE ON NATURAL AREA PROGRAMS: MAJOR PROBLEMS AND SUGGESTED SOLUTIONS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:518-530. 1983. WR 192
[Natural Areas Assoc., Rockford, IL]

84-000082 Hoose, Phillip M. SUCCESSES AND PROBLEMS IN TRYING TO PRESERVE NATURAL DIVERSITY. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:510-513. 1983. WR 192
[Nat. Conserv., Midwest Regional Office, Minneapolis, MN]

84-000083 Juday, Glenn Patrick. ALASKA'S ECOLOGICAL RESERVES PROGRAM: APPROACHES, SUCCESSES, AND PROBLEMS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:531-540. 1983. WR 192
[Agric. Exp. Stn., Univ. Alaska, Fairbanks]

84-000084 Lloyd, R. Duane. IMPLEMENTING THE RNA PROGRAM IN THE INTERMOUNTAIN REGION, USDA FOREST SERVICE. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:514-515. 1983. WR 192
[U.S. For. Serv., Intermountain For. & Range Exp. Stn., Ogden, UT]

84-000085 National Oceanic and Atmospheric Administration. FINAL ENVIRONMENTAL IMPACT STATEMENT ON THE PROPOSED CHANNEL ISLANDS MARINE SANCTUARY. *NOAA (Washington, D.C.)* NOAA-82121603. 508p. May 1980. From U.S. Government Reports 83(10):2228. 13 May 1983. Available from NTIS as PB83-153452. WR 192

84-000086 Pitman, Dick. THE BEST-KEPT SECRET OF AFRICA. *Anim. Kingdom* 86(2):5-17. Apr.-May 1983. WR 192
Wildlife and wildlife reserves in Zimbabwe.

84-000087 Platt, Dwight R. PRESERVATION OF THE TALLGRASS PRAIRIE: OPPORTUNITIES FOR ACTION. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:551-556. 1983. WR 192
[Dep. Biol., Bethel Coll., North Newton, KS]

84-000088 Pustmueller, Carol J. SUCCESSES AND PROBLEMS IN STATE NATURAL AREAS PROGRAMS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:504-509. 1983. WR 192
[Colo. Nat. Areas Program, Dep. Nat. Resour., Denver]

84-000089 Roome, Nigel John. PREFERENCES OF NATIONAL NATURE RESERVE USERS. *J. Environ. Manage.* 17(2):143-152. Sept. 1983. WR 192
[School Studies Environ. Sci., Univ. Bradford, Bradford BD 1DP, England]

84-000090 Schwegman, John E. STATE NATURAL AREA PROGRAMS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:491-494. 1983. WR 192
[Dep. Conserv., Springfield, IL]

84-000091 Segnestam, Mats. TINÄSRESERVATET - EN VIKTIG DELSEGER. [THE TINÄS RESERVE - A MAJOR MINOR VICTORY.] *Sver. Nat.* 74(4):6. Sept. 1983. In Swedish with English summ. WR 192

WILDLIFE--NATURAL AREAS AND REFUGES (CONTINUED)

84-000092 Sharma, Ashwani Kumar and Shobhna Bhargava. SOME ANIMAL CONSERVATION SITES IN UTTAR PRADESH (INDIA). *Tigerpaper* 10(1):27. 1983. WR 192

84-000093 Stone, Lynn M. ROOTS OF LIFE. *Anim. Kingdom* 86(5):30-33, 39-46. Oct.-Nov. 1983. WR 192

84-000094 Walker, Donald A.; William Acevedo; K. R. Everett; Leonard Gaydos and Jerry Brown. LANDSAT-ASSISTED ENVIRONMENTAL MAPPING IN THE ARCTIC NATIONAL WILDLIFE REFUGE, ALASKA. *Colo. Univ. (Boulder)* CRREL-82-37. 70p. Nov. 1982. From U.S. Government Reports 83(10):2173. 13 May 1983. Available from NTIS as AD-A123440/0. WR 192

WILDLIFE--ENDANGERED AND THREATENED SPECIES

84-000095 Bruderer, Bruno and Roland Luder. LA "LISTE ROUGE", INSTRUMENT DE LA PROTECTION DES OISEAUX PREMIÈRE REVISION DE LA "LISTE ROUGE" DES ESPÈCES D'OISEAUX NICHEURS MENACÉES ET RARES EN SUISSE. [THE "RED LIST" INSTRUMENT OF BIRD PROTECTION--FIRST REVISION OF THE RED LIST OF ENDANGERED AND RARE NESTING BIRDS OF SWITZERLAND.] *Nos Oiseaux* 37(3):129-136. 1983. In French. WR 192
[Schweizerische Vogelwarte, CH-6204 Sempach, Switzerland]

84-000096 Carpenter, James W. SPECIES DECLINE: A PERSPECTIVE ON EXTINCTION, RECOVERY, AND PROPAGATION. *Zoo Biol.* 2(3):165-178. 1983. WR 192
[Endangered Species Res. Program, Patuxent Wildl. Res. Cent., Laurel, MD 20708]

84-000097 Cromartie, William J., editor. NEW JERSEY'S ENDANGERED AND THREATENED PLANTS AND ANIMALS. *Cent. Environ. Res. Stockton State Coll. (Pomona, N.J.)* iv + 385p. 1982. WR 192
[Cent. Environ. Res., Stockton State Coll., Pomona, NJ 08240]

84-000098 Géroudet, Paul. LA LISTE ROUGE ET LA PROTECTION DES OISEAUX EN SUISSE: DE QUELQUES DISCORDANCES PERSONNELLES DE DÉTAIL ET DE PRINCIPE. [THE RED LIST AND SWISS BIRD PROTECTION: ON SOME PERSONAL DISAGREEMENTS OF DETAILS AND PRINCIPLES.] *Nos Oiseaux* 37(3):137-140. Sept. 1983. In French. WR 192

84-000099 Maglocký, Štefan. ZOZNAM VYHYNUTÝCH, ENDEMICKÝCH A OHROZENÝCH TAXÓNOV VYŠŠÍCH RASTLÍN FLÓRY SLOVENSKA. [LIST OF EXTINCT, ENDEMIC, AND THREATENED TAXA OF VASCULAR PLANTS OF THE FLORA OF SLOVAKIA.] *Biológia (Bratisl.)* 38(9):825-852. 1983. In Czech with Russian and English summ. WR 192
[Ustav Exp. Biol. & Ekol., CBEV Slov. Akad. Vied, Sienkiewiczova 1, 814 34 Bratislava, Czechoslovakia]

WILDLIFE--ENDANGERED AND THREATENED SPECIES (CONTINUED)

84-000100 Paakspuu, V. and T. Kastepõld. HARULDASI LINDE MATSALUS 1980. A. [RARE BIRDS AT MATSALU IN 1980.] *Loodusevaatlusi* 1980(1):29-36. 1982. In Estonian with Russian and English summ. WR 192

84-000101 Raffaele, Herbert A. THE STATUS OF SOME ENDANGERED SPECIES IN PUERTO RICO WITH PARTICULAR EMPHASIS ON *ISOLOBODON* (RODENTIA). *Tercer Simp. Dep. Rec. Nat.* p. 100-104. 1979. WR 192
[4 Hartwell Dr., Mount Sinai, NY 11766]

84-000102 Rana, B. D. and Ranjan Advani. ENDANGERED WILDLIFE IN RAJASTHAN DESERT. *Tigerpaper* 10(1):5-7. 1983. WR 192
[Central Arid Zone Res. Inst., Jodhpur 342003, India]

84-000103 Vaughan, Christopher. A REPORT ON DENSE FOREST HABITAT FOR ENDANGERED WILDLIFE SPECIES IN COSTA RICA. *U.S. Dep. Interior & Natl. Univ. Costa Rica* [132p.] Feb. 1983. WR 192
[Environ. Sci. School, Natl. Univ., Heredia, Costa Rica] Data for 28 spp.

84-000104 Wells, Susan M.; Robert M. Pyle and N. Mark Collins, compilers. THE IUCN INVERTEBRATE RED DATA BOOK. *IUCN (Gland, Switzerland)* 50 + 632p. 1983. WR 192
[IUCN Conserv. Monit. Cent., 219(c) Huntington Rd., Cambridge CB3 0DL, England]

WILDLIFE--INTRODUCTIONS

84-000105 Cintrón, Bárbara B. EFFECTS OF INTRODUCED ANIMALS ON THE VEGETATION OF MONA ISLAND. *Tercer Simp. Dep. Rec. Nat.* p. 88-99. 1979. WR 192
[Dep. Nat. Resour., P.O. Box 5887, Puerta de Tierra, PR 00906]

WILDLIFE--MORPHOLOGY AND PHYSIOLOGY

84-000106 Boggs, Dona F.; D. L. Kilgore, Jr. and G. F. Birchard. RESPIRATORY PHYSIOLOGY OF BURROWING MAMMALS AND BIRDS. *Comp. Biochem. Physiol. A Comp. Physiol.* 77(1):1-7. 1984. WR 192
[Kilgore: Dep. Zool., Univ. Mont., Missoula 59812]

84-000107 Callard, Gloria Vincz. ANDROGEN AND ESTROGEN ACTIONS IN THE VERTEBRATE BRAIN. *Am. Zool.* 23(3):607-620. 1983. WR 192
[Dep. Biol., Boston Univ., 2 Cummington St., Boston, MA 02215]

84-000108 Clark, Nancy B. EVOLUTION OF CALCIUM REGULATION IN LOWER VERTEBRATES. *Am. Zool.* 23(3):719-727. 1983. WR 192
[Biol. Sci. Group, Univ. Conn., Storrs 06268] "Reptiles, birds, and mammals."

WILDLIFE--MORPHOLOGY AND PHYSIOLOGY (CONTINUED)

84-000109 Else, P. L. and A. J. Hulbert. A COMPARATIVE STUDY OF THE METABOLIC CAPACITY OF HEARTS FROM REPTILES AND MAMMALS. *Comp. Biochem. Physiol. A Comp. Physiol.* 76(3):553-557. 1983. WR 192
[Dep. Biol., Univ. Wollongong, Wollongong, New South Wales, Australia 2500] Data for 6 spp.

84-000110 Holder, Nigel. DEVELOPMENTAL CONSTRAINTS AND THE EVOLUTION OF VERTEBRATE DIGIT PATTERNS. *J. Theor. Biol.* 104(3):451-471. 7 Oct. 1983. WR 192
[Anat. Dep., King's Coll. London, Strand, London WCR 2LS, England] Amphibians, reptiles, birds and mammals.

84-000111 Johnston, Ian A. COMPARATIVE STUDIES OF CONTRACTILE PROTEINS FROM THE SKELETAL AND CARDIAC MUSCLES OF LOWER VERTEBRATES. *Comp. Biochem. Physiol. A Comp. Physiol.* 76(3):439-445. 1983. WR 192
[Dep. Physiol., Univ. St. Andrews, Fife KY16 9TS, Scotland]

84-000112 Kobayashi, Hideshi. A VIEW OF COMPARATIVE ENDOCRINOLOGY AND AUBREY GORBMAN. *Am. Zool.* 23(3):739-748. 1983. WR 192
[Dep. Biol., Fac. Sci., Toho Univ., Chiba 274, Japan]

84-000113 Licht, Paul. EVOLUTIONARY DIVERGENCE IN THE STRUCTURE AND FUNCTION OF PITUITARY GONADOTROPINS OF TETRAPOD VERTEBRATES. *Am. Zool.* 23(3):673-683. 1983. WR 192
[Dep. Zool., Univ. Calif., Berkeley 94720] Mammals, reptiles, amphibians, and birds.

84-000114 Pang, Peter K. T.; Philip B. Furspan and Wilbur H. Sawyer. EVOLUTION OF NEUROHYPOPHYSEAL HORMONE ACTIONS IN VERTEBRATES. *Am. Zool.* 23(3):655-662. 1983. WR 192
[Dep. Pharmacol., Tex. Tech Univ. Health Sci. Cent., Lubbock 79430]

84-000115 Peter, Richard E. EVOLUTION OF NEUROHORMONAL REGULATION OF REPRODUCTION IN LOWER VERTEBRATES. *Am. Zool.* 23(3):685-695. 1983. WR 192
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9]

84-000116 Stoskopf, Micahel K. THE PHYSIOLOGICAL EFFECTS OF PSYCHOLOGICAL STRESS. *Zoo Biol.* 2(3):179-190. 1983. WR 192
[Dep. Med., Natl. Aquarium, 501 E. Pratt St., Baltimore, MD 21202]

84-000117 Vigna, Steven R. EVOLUTION OF ENDOCRINE REGULATION OF GASTROINTESTINAL FUNCTION IN LOWER VERTEBRATES. *Am. Zool.* 23(3):729-738. 1983. WR 192
[Dep. Biol., Univ. Oreg., Eugene 97403]

WILDLIFE--BEHAVIOR

84-000118 Adolph, Stephen C. and Jonathan Roughgarden. FORAGING BY PASSERINE BIRDS AND *ANOLIS* LIZARDS ON ST. EUSTATIUS (NETH. ANTILLES): IMPLICATIONS FOR INTERCLASS COMPETITION, AND PREDATION. *Oecologia (Berl.)*

WILDLIFE--BEHAVIOR (CONTINUED)

84-000118 CONTINUED 56(2-3):313-317. Feb. 1983. WR 192
[Dep. Zool., NJ-15, Univ. Wash., Seattle 98195]

84-000119 Bayer, Range D. BIRDS ASSOCIATED WITH CALIFORNIA SEA LIONS AT YAQUINA ESTUARY, OREGON. *Murrelet* 64(2):48-51. 1983, WR 192
[P.O. Box 1467, Newport, OR 97365] Eight species of birds and *Zalophus californianus*.

84-000120 Bentley, Barbara and Thomas Elias, editors. THE BIOLOGY OF NECTARIES. *Columbia Univ. Press (New York)* vii + 259p. 1983. WR 192
[State Univ. N.Y., Stony Brook]

84-000121 Breitwisch, Randall. FRUGIVORES AT A FRUITING *FICUS* VINE IN A SOUTHERN CAMEROON TROPICAL WET FOREST. *Biotropica* 15(2):125-128. June 1983. WR 192
[Dep. Biol., Univ. Miami, Coral Gables, FL 33124] Data for 18 spp. of birds and mammals.

84-000122 Butts, K. O. and J. C. Lewis. THE IMPORTANCE OF PRAIRIE DOG TOWNS TO BURROWING OWLS IN OKLAHOMA. *Proc. Okla. Acad. Sci.* 62:46-52. 1982. WR 192
[Washita Natl. Wildl. Refuge, Butler, OK 73625] *Cynomys ludovicianus* and *Athene cunicularia hypugaea*.

84-000123 Halpin, Zuleyma Tang. NATURALLY OCCURRING ENCOUNTERS BETWEEN BLACK-TAILED PRAIRIE DOGS (*CYNOMYS LUDOVICIANUS*) AND SNAKES. *Am. Midl. Nat.* 109(1):50-54. Jan. 1983. WR 192
[Dep. Biol., Univ. Mo., St. Louis 63121]

84-000124 Jones, C. Eugene and R. John Little, editors. HANDBOOK OF EXPERIMENTAL POLLINATION BIOLOGY. *Van Nostrand Reinhold Co., Inc.* xviii + 558p. 1983. WR 192
[Dep. Biol. Sci., Calif. State Univ., Fullerton]

84-000125 Polis, G. A. THE EVOLUTION AND DYNAMICS OF INTRASPECIFIC PREDATION. *Annu. Rev. Ecol. Syst.* 12:225-251. 1981. From Ecol. Abstr. 1982/6:82L/7512. 1982. WR 192

WILDLIFE--POPULATION DYNAMICS

84-000126 Kubantsev, B. S. SIGNIFICANCE OF ANTHROPIC FACTORS IN THE DYNAMICS OF SEX STRUCTURE IN ANIMAL POPULATIONS. *Sov. J. Ecol. (Engl. Transl. Ékologiya)* 14(2):100-104. Nov. 1983. Translated from Ékologiya 1983(2):39-44. Mar.-Apr. 1983. WR 192
[A.S. Serafimovich Volgograd Teachers' Coll., Volgograd, USSR]

WILDLIFE--MORTALITY AND SURVIVAL

84-000127 Glass, Gregory Eric Gurri. SOME THEORETICAL CONSIDERATIONS OF INFANTICIDE AMONG VERTEBRATES. *Ph.D. dissertation, Univ. Kans.* 117p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):1026. Oct. 1983. WR 192

WILDLIFE--PESTICIDES AND POLLUTION

84-000128 Blus, Lawrence J.; Charles J. Henny; T. Earl Kaiser and Robert A. Grove. EFFECTS ON WILDLIFE FROM USE OF ENDRIN IN WASHINGTON STATE ORCHARDS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:159-174. 1983. WR 192
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Corvallis, OR]

84-000129 Fleming, W. James; Donald R. Clark, Jr. and Charles J. Henny. ORGANOCHLORINE PESTICIDES AND PCB's: A CONTINUING PROBLEM FOR THE 1980s. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:186-199. 1983. WR 192
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD]

84-000130 Francis, B. Magnus; Robert L. Metcalf and Susan W. Fisher. RESPONSE OF LABORATORY RODENTS TO SELECTED AVIAN DELAYED NEUROTOXICANTS. *Arch. Environ. Contam. Toxicol.* 12(6):731-738. Nov. 1983. WR 192
[Inst. Environ. Studies, Univ. Ill., 408 S. Goodwin Ave., Urbana 61801]

84-000131 Grue, Christian E.; W. James Fleming; Daniel G. Busby and Elwood F. Hill. ASSESSING HAZARDS OF ORGANOPHOSPHATE PESTICIDES TO WILDLIFE. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:200-220. 1983. WR 192
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD]

84-000132 Hall, Russell J. WHY IS ENVIRONMENTAL CONTAMINANT RESEARCH DONE BY WILDLIFE MANAGEMENT AGENCIES? *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:238-239. 1983. WR 192
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD]

84-000133 Kelly, George M.; William H. Neff; Hans Rothenbacher; Gerald L. Storm and James S. Wakeley. ECOLOGY AND PATHOLOGY OF WILDLIFE IN RESPONSE TO SPRAY IRRIGATION OF CHLORINATED SEWAGE EFFLUENT. PHASE II. *Pa. State Univ. (University Park)* OWRT-B-105-PA(4). 89p. Sept. 1982. From U.S. Government Reports 83(13):2821. 24 June 1983. Available from NTIS as PB83-173260. WR 192

84-000134 Littrell, E. E. A STUDY OF THE EFFECTS OF BOLERO 10G ON THE MOUNTAIN GARTER SNAKE, *THAMNOPHIS ELEGANS ELEGANS*. *Calif. Fish Game* 69(3):186-187. July 1983. WR 192
[Calif. Dep. Fish & Game, 1701 Nimbus Rd., Rancho Cordova 95670]

84-000135 Morrison, Michael L. and E. Charles Meslow. IMPACTS OF FOREST HERBICIDES ON WILDLIFE: TOXICITY AND HABITAT ALTERATION. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:175-185. 1983. WR 192
[Dep. For. & Resour. Manage., Univ. Calif., Berkeley]

WILDLIFE--PESTICIDES AND POLLUTION (CONTINUED)

84-000136 National Research Council. ANIMALS AS MONITORS OF ENVIRONMENTAL POLLUTANTS. *Natl. Res. Council (Washington, D.C.)* 436p. 1979. From U.S. Government Reports 83(13):2821. 24 June 1983. Available from NTIS as PB83-174268. WR 192

84-000137 Woodyard, David Kent. RESPONSE OF WILDLIFE TO LAND APPLICATION OF SEWAGE SLUDGE. *M.S. thesis, Mich. State Univ.* 72p. 1982. From Masters Abstr. 21(1):4. Mar. 1983. WR 192

WILDLIFE--PARASITES AND DISEASES

84-000138 Blampied, N. Le Q. and A. F. Allchurch. VETERINARY REPORT. *Dodo (J. Jersey Wildl. Preserv. Trust)* No. 19. p. 95-100. 1982. WR 192

84-000139 Brogden, Kim A. and Keith R. Rhoades. PREVALENCE OF SEROLOGIC TYPES OF *PASTEURELLA HULTOCIDA* FROM 57 SPECIES OF BIRDS AND MAMMALS IN THE UNITED STATES. *J. Wildl. Dis.* 19(4):315-320. Oct. 1983. WR 192
[Natl. Anim. Dis. Cent., U.S. Dep. Agric., P.O. Box 70, Ames, IA 50010]

84-000140 Carey, A. B. and R. G. McLean. THE ECOLOGY OF RABIES: THE EVIDENCE OF CO-ADAPTATION. *J. Appl. Ecol.* 20(3):777-800. Dec. 1983. WR 192
[For. Sci. Lab., 3625 93rd Ave., S.W., Olympia, WA 98502]

84-000141 Dana, Mark. NON-DOMESTIC ANIMAL MEDICINE--A PRACTICE ADJUNCT. *Norden News* 58(3):12-17. 1983. WR 192
[Tech. Communications Dep., Norden Lab., Lincoln, NE 68501]

84-000142 Gillespie, Penny and Lynne Arnold. PATHOLOGY REPORT. *Dodo (J. Jersey Wildl. Preserv. Trust)* No. 19. p. 81-94. 1982. WR 192
[Jersey Wildl. Preserv. Trust, Les Augrès Manor, Trinity, Jersey, Channel Islands, United Kingdom]

84-000143 Knight, Richard L. and N. Verne Marr. NEW DISTRIBUTIONAL RECORDS OF TICKS (*ORNITHODOROS CONCANENSIS* AND *O. KELLEYI*) IN WASHINGTON. *Northwest Sci.* 57(4):310-311. Nov. 1983. WR 192
[Dep. Wildl. Ecol., Univ. Wis., Madison 53706] Hosts: *Aquila chrysaetos* and *Antrozous pallidus*.

84-000144 Miles, M. A.; J. R. Arias; S. A. S. Valente; R. D. Naiff; A. A. de Souza; M. M. Povoa; J. A. N. Lima and R. A. Cedillos. VERTEBRATE HOSTS AND VECTORS OF *TRYPANOSOMA RANGELI* IN THE AMAZON BASIN OF BRAZIL. *Am. J. Trop. Med. Hyg.* 32(6):1251-1259. Nov. 1983. WR 192
[Sect. Parasitol., Inst. Evandro Chagas da Fundação, SESP, Caixa Postal 3, 66.000 Belém, Pará, Brazil]

84-000145 Ruddy, Sarah. RABIES IN ONTARIO. *Trent Univ. Ecol. Dep. Biol. Bull.* 7(1):23-26. 1983. WR 192

WILDLIFE--PARASITES AND DISEASES (CONTINUED)

84-000146 Seymour, Charles; Laura D. Kramer and Pauline H. Peralta. EXPERIMENTAL ST. LOUIS ENCEPHALITIS VIRUS INFECTION OF SLOTHS AND CORMORANTS. *Am. J. Trop. Med. Hyg.* 32(4):844-853. 1983. WR 192
[St. Francis Hospital & Med. Cent., 114 Woodland St., Hartford, CT 06105] *Bradypus variegatus, Choloepus hoffmanni,* and *Phalacrocorax olivaceus.*

84-000147 Snyder, Robert L. and Stuart L. Porter. THE FREQUENCY AND NATURE OF NEOPLASIA IN ANIMALS AT THE PHILADELPHIA ZOOLOGICAL GARDEN 1956-1970. *Phila. Zoo Rev.* 1(2):[4-26]. 1983. WR 192
[Penrose Res. Lab., Zool. Soc. Philadelphia, Philadelphia, PA]

84-000148 Zarnke, Randall L. SEROLOGIC SURVEY FOR SELECTED MICROBIAL PATHOGENS IN ALASKAN WILDLIFE. *J. Wildl. Dis.* 19(4):324-329. Oct. 1983. WR 192
[Dep. Fish & Game, 1300 College Rd., Fairbanks, AK 99701]

WILDLIFE--ECONOMICS, DAMAGE, PREDATION, AND CONTROL

84-000149 Blomme, Chris. BLACK BEAR PREYS ON NESTING BROAD-WINGED HAWK. *Ont. Field Biol.* 37(1):33-34. June 1983. WR 192
[Dep. Biol., Laurentian Univ., Sudbury, Ontario, Canada P3E 2C6] *Ursus americanus* and *Buteo platypterus* in Canada.

84-000150 Bork, Heinz. TURMFALKE SCHLÄGT ZWERGFLEDERMAUS. [KESTREL STRIKES PIPISTRELLE.] *Falke* 28(2):66. Feb. 1981. In German. WR 192
*Falco tinnunculus* and *Pipistrellus pipistrellus.*

84-000151 Clarke, Jennifer A. MOONLIGHT'S INFLUENCE ON PREDATOR/PREY INTERACTIONS BETWEEN SHORT-EARED OWLS (*ASIO FLAMMEUS*) AND DEERMICE (*PEROMYSCUS MANICULATUS*). *Behav. Ecol. Sociobiol.* 13(3):205-209. Sept. 1983. WR 192
[Dep. Zool., Wash. State Univ., Pullman 99164]

84-000152 Dorrance, Michael J. A PHILOSOPHY OF PROBLEM WILDLIFE MANAGEMENT. *Wildl. Soc. Bull.* 11(4):319-324. 1983. WR 192
[Alberta Environ. Cent., Vegreville, Alberta, Canada T0B 4L0]

84-000153 Quinlan, Susan E. AVIAN AND RIVER OTTER PREDATION IN A STORM-PETREL COLONY. *J. Wildl. Manage.* 47(4):1036-1043. Oct. 1983. WR 192
[Dep. Fish & Game, 1300 College Rd., Fairbanks, AK 99701] *Oceanodroma furcata* and *Lutra canadensis* in Alaska.

84-000154 Svenson, Stefan. VANLIG GRODA ÄTER LÖVSÅNGARUNGE. [A COMMON FROG, *RANA TEMPORARIA*, CONSUMED A NESTLING OF WILLOW WARBLER, *PHYLLOSCOPUS TROCHILUS.*] *Vår Fågelvärld* 42(5):347. 1983. In Swedish with English summ. WR 192
[Ällingavägen 9A: 305, 222 34 Lund, Sweden]

## HUNTING--AREAS AND PROBLEMS

84-000155 Meltofte, Hans. JAGTLIGE FORSTYRRELSER AF SVØMME- OG VADEFUGLE. [SHOOTING DISTURBANCE OF WATERFOWL.] *Dan. Ornithol. Foren. Tidsskr.* 76(1-2):21-35. 1982. In Danish with English summ. WR 192
[Zool. Mus., 4. afd. Universitetsparken 15, DK-2100 Copenhagen Ø, Denmark]

84-000156 Payne, Millie. THE WHALING ISSUE: PAST, PRESENT, FUTURE? *Whalewatcher* 14(3):8-12. 1980. WR 192

84-000157 Taylor, Herbert and James Bosch. MAKAH WHALERS. *Carnivore* 2(3):10-15. Nov. 1979. WR 192

84-000158 Taylor, Sherryl. THE HUNT: FACTORY SHIP WHALING. *Whalewatcher* 14(3):14-15. 1980. WR 192

84-000159 Vassallo, Luis R. LA CAZA EN PUERTO RICO. [HUNTING IN PUERTO RICO.] *Primer Simp. Dep. Rec. Nat.* p. 31-39. 1974. In Spanish. WR 192
[Dep. Nat. Resour., P.O. Box 5887, Puerta de Tierra, PR 00906]

## WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL

84-000160 Arnett, G. Ray. POTENTIAL DEVELOPMENTS IN FISH AND WILDLIFE HABITAT POLICIES. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:475-479. 1983. WR 192
[U.S. Dep. Interior, Washington, DC]

84-000161 Berryman, Jack H. COMMENTS ON EMERGING NONFEDERAL INITIATIVES IN RESOURCE MANAGEMENT. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:473-474. 1983. WR 192
[Int. Assoc. Fish & Wildl. Agencies, Washington, DC]

84-000162 Bleich, Vernon C. and Richard A. Weaver. "IMPROVED" SAND DAMS FOR WILDLIFE HABITAT MANAGEMENT. *J. Range Manage.* 36(1):133. Jan. 1983. WR 192
[Dep. Fish & Game, P.O. Box 1741, Hemet, CA 92343]

84-000163 Brynaert, Kenneth E. THE NEED FOR NEW INITIATIVES IN WETLANDS MANAGEMENT. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:292-293. 1983. WR 192
[Canadian Wildl. Federation, Ottawa, Ontario, Canada]

84-000164 Davis, Jerry W.; Gregory A. Goodwin and Richard A. Ockenfels, technical coordinators. SNAG HABITAT MANAGEMENT: PROCEEDINGS OF THE SYMPOSIUM 7-9 JUNE 1983, FLAGSTAFF, ARIZONA. *U.S. For. Serv. Gen. Tech. Rep.* RM-99. 226p. June 1983. WR 192
[U.S. For. Serv., Tonto Natl. For., Phoenix, AZ 85038] A collection of 42 papers.

WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL (CONTINUED)

84-000165 Diamond, Henry L. OLD STYLE CONSERVATION--ONCE AGAIN INTO THE BREACH? *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:4-9. 1983. WR 192

84-000166 DiMatteo, T. BIOLOGICAL AND LEGAL ASPECTS OF WETLAND CREATION: PANACEA OR PANDORA'S BOX? *Am. Zool.* 23(4):888. 1983. Abstract only. WR 192
[Fla. State Univ., School Law, Tallahassee]

84-000167 Dourojeanni, Marc J. RENEWABLE NATURAL RESOURCES OF LATIN AMERICA AND THE CARIBBEAN: SITUATION AND TRENDS. *World Wildlife Fund-U.S.* xxiii + 495p. 1980. WR 192
[Natl. Agrarian Univ., La Molina, Peru]

84-000168 Evans, Raymond D. MANAGING CENTRL HARDWOOD FORESTS: PARTNERSHIP AND MODEL APPROACHES. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:134-138. 1983. WR 192
[Dep. Conserv., Jefferson City, MO]

84-000169 Garry, Candace. BATS TO BIGHORNS, SALAMANDERS TO SEA TURTLES. *Natl. Parks* 57(7-8):8-11. July-Aug. 1983. WR 192

84-000170 Hawkes, Clifford L.; David E. Chalk; Thomas W. Hoekstra and Curtis H. Flather. PREDICTION OF WILDLIFE AND FISH RESOURCES FOR NATIONAL ASSESSMENTS AND APPRAISALS. *U.S. For. Serv. Gen. Tech. Rep.* RM-100. 21p. July 1983. WR 192
[Rocky Mountain For. & Range Exp. Stn., Fort Collins, CO 80526]

84-000171 Hoekstra, Thomas W.; David E. Chalk; Clifford L. Hawkes and Stephen A. Miller. MONITORING REGIONAL WILDLIFE AND FISH HABITATS AND POPULATIONS FOR NATIONAL ASSESSMENTS AND APPRAISALS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:308-314. 1983. WR 192
[U.S. For. Serv., Rocky Mountain For. & Range Exp. Stn., Fort Collins, CO]

84-000172 Holecek, Donald F. MICHIGAN'S LAND LEASING PROGRAM FOR PUBLIC HUNTING. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:108-115. 1983. WR 192
[Dep. Park & Recreation Resour., Mich. State Univ., East Lansing]

84-000173 Knighton, M. Dean and Elon Verry. HOW TO EVALUATE WATER IMPOUNDMENT SITES FOR WILDLIFE. *North Central For. Exp. Stn. (St. Paul, MN)* FSHT-NC-58. 8p. Feb. 1983. From U.S. Government Reports 83(13):2838. 24 June 1983. Available from NTIS as PB83-170068. WR 192

84-000174 Magnússon, Kjartan. FUGLAVERNDARFÉLAD ÍSLANDS. [THE SOCIETY FOR THE PROTECTION OF BIRDS OF ICELAND.] *Bliki* 1:47. May 1983. In Icelandic. WR 192

84-000175 McIntosh, Michael, editor. PROCEEDINGS OF THE SEVENTY-FIRST CONVENTION OF THE INTERNATIONAL ASSOCIATION OF FISH AND WILDLIFE AGENCIES, 13-16 SEPT. 1981. *Int. Assoc. Fish Wildl. Agencies* vii + 269p. July

WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL (CONTINUED)

84-000175 CONTINUED 1983. WR 192
[Dep. Conserv., Jefferson City, MO]

84-000176 Metzger, Philip C. PUBLIC-PRIVATE PARTNERSHIPS FOR LAND CONSERVATION. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:423-432. 1983. WR 192
[Conservation Foundation, Washington, DC]

84-000177 Miller, S. Douglas; Thomas M. Franklin and Daniel L. Leedy. WILDLIFE RESEARCH BY PRIVATE CONSERVATION ORGANIZATIONS: CONTRIBUTIONS AND OPPORTUNITIES. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:433-444. 1983. WR 192
[Inst. Wildl. Res., Natl. Wildl. Federation, Washington, DC]

84-000178 Neave, David and Richard Goulden. PROVINCIAL WILDLIFE REVENUE SOURCES AND COMMITMENTS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:405-412. 1983. WR 192
[Fish & Wildl. Div., Edmonton, Alberta, Canada]

84-000179 Nelson, Robert D.; Hugh Black, Jr.; Robert E. Radtke and John Mumma. WILDLIFE AND FISH MANAGEMENT IN THE FOREST SERVICE: A GOAL ORIENTED APPROACH. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:87-95. 1983. WR 192
[U.S. For. Serv., Washington, DC]

84-000180 Patton, David R.; José M. de la Puente-E.; Peter F. Ffolliott; Sonia Gallina and E. T. Bartlett, technical coordinators. WILDLIFE AND RANGE RESEARCH NEEDS IN NORTHERN MEXICO AND SOUTHWESTERN UNITED STATES: WORKSHOP PROCEEDINGS 20-24 APRIL 1981, RIO RICO, ARIZONA. *U.S. For. Serv. Gen. Tech. Rep.* WO-36. vi + 108p. Sept. 1983. WR 192
[U.S. For. Serv., Rocky Mountain For. & Range Exp. Stn., Tempe, AZ 85287]

84-000181 Porter, Michael D. THE INFLUENCE OF LEASING UPON WILDLIFE MANAGEMENT AND HUNTING OPPORTUNITY. *Proc. Natl. Bobwhite Quail Symp.* 2:90-92. Sept. 1982. WR 192
[Noble Foundation, Inc., Rt. One, Ardmore, OK 73401]

84-000182 Salwasser, Hal; Carole K. Hamilton; William B. Krohn; James F. Lipscomb and Carl H. Thomas. MONITORING WILDLIFE AND FISH: MANDATES AND THEIR IMPLICATIONS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:297-307. 1983. WR 192
[U.S. For. Serv., Fort Collins, CO]

84-000183 Smith, Robert J.; Jon Goldstein and R. K. Davis. ECONOMIC INCENTIVES AS A CONSERVATION STRATEGY FOR NONGAME AND ENDANGERED SPECIES OF WILDLIFE. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:457-467. 1983. WR 192

84-000184 Spencer, Sam; Edwin H. Glaser and Larry Lennox. STATE WILDLIFE REVENUE SOURCES AND COMMITMENTS, ALABAMA, MISSOURI AND WASHINGTON. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:390-404. 1983. WR 192
[Game & Fish Div., Dep. Conserv., Montgomery, AL]

WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL (CONTINUED)

84-000185 Sport Fishing Institute. EVALUATION OF PLANNING FOR FISH & WILDLIFE, DEER CREEK, LAKE RESERVOIR, OHIO. *Sport Fishing Inst. (Washington, D.C.)* 106p. Feb. 1983. From U.S. Government Reports 83(15):3484. 22 July 1983. Available from NTIS as AD-A126 297/1. WR 192

84-000186 Taber, Richard D. TOWARD THE PROGRESS OF WILDLIFE CONSERVATION IN NORTH AMERICA. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:468-472. 1983. WR 192
[Coll. For. Resour., Univ. Wash., Seattle]

84-000187 Teer, James G.; George V. Burger and Charles Y. Deknatel. STATE-SUPPORTED HABITAT MANAGEMENT AND COMMERCIAL HUNTING ON PRIVATE LANDS IN THE UNITED STATES. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:445-456. 1983. WR 192
[Welder Wildl. Foundation, Box 1400, Sinton, TX 78387]

84-000188 U.S. Forest Service. HOW TO EVALUATE WATER IMPOUNDMENT SITES FOR WILDLIFE. *U.S. For. Serv. North Central For. Exp. Stn.* HT-58. 6p. 1983. From Monthly Catalog of U.S. Government Publications 83-12759. June 1983. WR 192

84-000189 Unkel, William C. PUBLIC FINANCING OF FISH AND WILDLIFE CONSERVATON: THE CALIFORNIA EXPERIENCE. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:149-154. 1983. WR 192
[Dep. Fish. & Wildl. Biol., Colo. State Univ., Fort Collins 80523]

84-000190 Van Horne, B. DENSITY AS A MISLEADING INDICATOR OF HABITAT QUALITY. *J. Wildl. Manage.* 47(4):893-901. Oct. 1983. WR 192
[Dep. Biol., Univ. N.M., Albuquerque 87131]

84-000191 Verner, Jared. AN INTEGRATED SYSTEM FOR MONITORING WILDLIFE ON THE SIERRA NATIONAL FOREST. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:355-366. 1983. WR 192
[U.S. For. Serv., Pac. Southwest For. & Range Exp. Stn., Fresno, CA]

84-000192 Washburne, Randel and David N. Cole. PROBLEMS AND PRACTICES IN WILDERNESS MANAGEMENT: A SURVEY OF MANAGERS. *U.S. For. Serv. Res. Pap.* INT-304. 56p. Feb. 1983. From Monthly Catalog of U.S. Government Publications 83-20023. Oct. 1983. WR 192

84-000193 Wauer, Roland H. and William R. Supernaugh. WILDLIFE MANAGEMENT IN THE NATIONAL PARKS. *Natl. Parks* 57(7-8):12-16. July-Aug. 1983. WR 192

84-000194 Whitehead, Clifton J. STATE FISH AND WILDLIFE AGENCY RESPONSES TO FUNDING CHALLENGES. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:139-148. 1983. WR 192
[Tenn. Wildl. Resour. Agency, Nashville]

84-000195 Wolf, Thomas J. WYOMING'S WILDLIFE TRUST FUND. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:155-158. 1983. WR 192
[Wyo. Outdoor Council, Cheyenne]

WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL (CONTINUED)

84-000196 World Wildlife Fund. STRATEGY FOR TRAINING IN NATURAL RESOURCES AND ENVIRONMENT: A PROPOSAL FOR DEVELOPMENT OF PERSONNEL AND INSTITUTIONS IN LATIN AMERICA AND THE CARIBBEAN. *World Wildlife Fund-U.S.* [xxi + 416p.] 1980. WR 192

84-000197 Yaffee, Steven L. USING NONPROFIT ORGANIZATIONS TO MANAGE PUBLIC LANDS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:413-422. 1983. WR 192
[School Nat. Resour., Univ. Mich., Ann Arbor]

WETLANDS AND WILDLIFE

84-000198 Odum, Eugene. WETLANDS AND THEIR VALUES. *J. Soil Water Conserv.* 38(5):380. Sept.-Oct. 1983. WR 192
[Inst. Ecol., Univ. Ga., Athens 30601]

84-000199 Wentz, W. Alan. WETLANDS VALUES AND MANAGEMENT. *U.S. Fish Wildl. Serv. & U.S. Environ. Prot. Agency* 25p. [1981.] WR 192

FORESTS AND WILDLIFE

84-000200 Shaw, William W. INTEGRATING WILDLIFE CONSERVATION AND TIMBER PRODUCTION OBJECTIVES IN AUSTRALIAN FORESTS. *Aust. For.* 46(2):132-135. 1983. WR 192
[School Renewable Nat. Resour., Univ. Ariz., Tucson 85721]

ENVIRONMENTAL IMPACTS AND ASSESSMENTS

84-000201 Andryk, Timothy Alan. ECOLOGY OF BIGHORN SHEEP IN RELATION TO OIL AND GAS DEVELOPMENT ALONG THE EAST SLOPE OF THE ROCKY MOUNTAINS, NORTHCENTRAL MONTANA. *M.S. thesis, Mont. State Univ.* 100p. Aug. 1983. WR 192
*Ovis canadensis*.--Courtesy/Robert L. Eng.

84-000202 Bradshaw, Jeremy. SPACE FOR WILDLIFE. *New Sci.* 100(1383):410-413. 10 Nov. 1983. WR 192

84-000203 Bury, Richard L.; Stephen M. Holland and Douglas N. McEwen. ANALYZING RECREATIONAL CONFLICT. *J. Soil Water Conserv.* 38(5):401-403. Sept.-Oct. 1983. WR 192
[U.S. Army Morale Support Serv., Nuernberg, West Germany]

84-000204 Cairns, John, Jr. MANAGEMENT OPTIONS FOR REHABILITATION AND ENHANCEMENT OF SURFACE-MINED ECOSYSTEMS. *Miner. Environ.* 5:32-38. 1983. WR 192
[Dep. Biol., Va. Polytech. Inst. & State Univ., Blacksburg 24061]

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

84-000205 Cantu, Ruben and Daniel D. Everett. REPRODUCTIVE SUCCESS AND BROOD SURVIVAL OF BOBWHITE QUAIL AS AFFECTED BY GRAZING PRACTICES. *Proc. Natl. Bobwhite Quail Symp.* 2:79-83. Sept. 1982. WR 192
[Caesar Kleberg Wildl. Res. Inst., Coll. Agric., Tex. A&I Univ., Campus Box 218, Kingsville 78363] *Colinus virginianus* in Texas.

84-000206 Caulfield, Henry P., Jr. HISTORICAL PERSPECTIVES ON WATER MANAGEMENT POLICIES AND PROCEDURES. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:15-22. 1983. WR 192
[Colo. State Univ., Fort Collins 80523]

84-000207 Cole, Dennis M. CANOPY DEVELOPMENT IN LODGEPOLE PINE: IMPLICATIONS FOR WILDLIFE STUDIES AND MULTIPLE RESOURCE MANAGEMENT. *U.S. For. Serv. Gen. Tech. Rep.* INT-139. 17p. Feb. 1983. From U.S. Government Reports 83(13):2778. 24 June 1983. Available from NTIS as PB83-168583. WR 192

84-000208 Cooper, Rowena. FURTHER RECLAMATION ON THE WASH? *Wader Study Group Bull.* No. 38. p. 10-11. Aug. 1983. WR 192
[Dep. Zool., Univ. Durham, South Rd., Durham DH1 3LE, England]

84-000209 Cortés, J. E. THE ROCK OF GIBRALTAR - MAN-INDUCED CHANGES AND CONSERVATION IMPORTANCE. *Alectoris* No. 5. p. 10-20. 1983. WR 192

84-000210 Dawson, Robert K. CURRENT INITIATIVES IN WATER MANAGEMENT POLICIES AND PROCEDURES. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:23-27. 1983. WR 192

84-000211 Dragun, Andrew K. HYDROELECTRIC DEVELOPMENT AND WILDERNESS CONFLICT IN SOUTH-WEST TASMANIA. *Environ. Conserv.* 10(3):197-204. 1983. WR 192
[Cent. Resour. & Environ. Studies, Australian Natl. Univ., P.O. Box 4, Canberra, ACT 2600, Australia]

84-000212 Eichholz, Neal. FORESTRY FARM FOR WILDLIFE. *Fla. Wildl.* 37(4):6-8. Nov.-Dec. 1983. WR 192

84-000213 Franzreb, Kathleen E. A COMPARISON OF FOLIAGE USE AND TREE HEIGHT SELECTION BY BIRDS IN UNLOGGED AND LOGGED MIXED-CONIFEROUS FOREST. *Biol. Conserv.* 27(3):259-275. 1983. WR 192
[Endangered Species Office, U.S. Fish & Wildl. Serv., 1230 N Street, 14th Floor, Sacramento, CA 95814]

84-000214 Garfitt, J. E. AFFORESTATION AND UPLAND BIRDS. *Q. J. For.* 77(4):253-254. Oct. 1983. WR 192

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

84-000215 Germano, David J.; Roger Hungerford and S. Clark Martin. RESPONSES OF SELECTED WILDLIFE SPECIES TO THE REMOVAL OF MESQUITE FROM DESERT GRASSLAND. *J. Range Manage.* 36(3):309-311. May 1983. WR 192
[School Renewable Nat. Resour., Univ. Ariz., Tucson 85721]

84-000216 Gilbert, Terry; Tim King and Brian Barnett. AN ASSESSMENT OF WETLAND HABITAT ESTABLISHMENT AT A CENTRAL FLORIDA PHOSPHATE MINE SITE. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 81/38. xiv + 96p. Sept. 1981. From Monthly Catalog of U.S. Government Publications 83-19417. Sept. 1983. WR 192

84-000217 Gillham, M. E. and J. K. Smith. INDUSTRY AND WILDLIFE: COMPROMISE AND COEXISTENCE. *Endeavour (New Ser.)* 7(4):162-172. 1983. WR 192
[Extra Mural Dep., Univ. Coll. Cardiff, Cardiff, Wales]

84-000218 Glanzer, U. W. ÜBER DIE AUSWIRKUNG VON LANDNUTZUNGSÄNDERUNGEN AUF TIERBIOTOPE, DARGESTELLT AM BEISPIEL DES BIRKHUHNS (*TETRAO TETRIX*) IN BAYERN. [THE EFFECTS OF LAND USE CHANGES ON AN ANIMAL BIOTOPE: USING THE BLACK GROUSE *TETRAO TETRIX* AS AN EXAMPLE.] *Verh. Ges. Ökol. Freising-Weihenstephan* 8:151-162. 1980. From Ecol. Abstr. 1982/6:82L/8488. 1982. In German with English summ. WR 192

84-000219 Hamas, Michael J. NEST-SITE SELECTION BY EASTERN KINGBIRDS IN A BURNED FOREST. *Wilson Bull.* 95(3):475-477. Sept. 1983. WR 192
[Lab. Anim. Behav., Dep. Biol., Central Mich. Univ., Mt. Pleasant 48859] *Tyrannus tyrannus* in Michigan.

84-000220 Heimberger, Marianne; David Euler and Jack Barr. THE IMPACT OF COTTAGE DEVELOPMENT ON COMMON LOON REPRODUCTIVE SUCCESS IN CENTRAL ONTARIO. *Wilson Bull.* 95(3):431-439. Sept. 1983. WR 192
[2712 4th Ave., Castlegar, British Columbia, Canada V1N 2S9] *Gavia immer.*

84-000221 Holder, Larry. HOW OUR WILDLIFE BENEFITS FROM PRESCRIBED BURNING. *Ky. Happy Hunting Ground* 39(6):8-11. Nov.-Dec. 1983. WR 192

84-000222 Howe, John R. THE VANISHING BIRDS OF VERACRUZ. *Defenders* 58(6):18-28. Nov.-Dec. 1983. WR 192

84-000223 Jingfors, K.; A. Gunn and F. L. Miller. CARIBOU DISTURBANCES RESEARCH ON THE BEVERLY CALVING GROUNDS, NORTHWEST TERRITORIES, CANADA. *Acta Zool. Fenn.* No. 175. p. 127-128. 1983. WR 192
[Wildl. Serv., Dep. Renewable Resour., Cambridge Bay, Northwest Territories, Canada X0E 0C0] *Rangifer tarandus groenlandicus.*

84-000224 Leak, William B. STOCKING, GROWTH, AND HABITAT RELATIONS IN NEW HAMPSHIRE HARDWOODS. *U.S. For. Serv. Res. Pap.* NE-523. 11p. 1983. From Monthly Catalog of U.S. Government Publications 83-14715. July 1983. WR 192

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

84-000225 Leckenby, Donavin A. and Dale E. Toweill. RESPONSE OF SELECTED PLANT SPECIES SEEDED ON MULE DEER WINTER RANGE. *J. Range Manage.* 36(3):312-316. May 1983. WR 192
[Dep. Fish & Wildl., La Grande, OR] *Odocoileus hemionus hemionus* in Oregon.

84-000226 Leedy, Daniel L. and Lowell W. Adams. WILDLIFE CONSIDERATIONS IN PLANNING AND MANAGING HIGHWAY CORRIDORS. *Urban Wildl. Res. Cent., Inc. (Columbia, Md.)* 103p. July 1982. From U.S. Government Reports 83(15):3610. 22 July 1983. Available from NTIS as PB83-169516. WR 192

84-000227 Longley, William L.; Rodney Jackson and Bruce Snyder. MANAGING OIL AND GAS ACTIVITIES IN COASTAL ENVIRONMENTS: REFUGE MANUAL. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 81/22. xiv + 451p. Aug. 1981. From Monthly Catalog of U.S. Government Publications 83-15942. July 1983. WR 192

84-000228 McLaughlin, Charles T. APPROACHES FOR RESOLVING MID-AMERICA'S FARMLAND PROBLEMS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:28-32. 1983. WR 192

84-000229 Mills, Stephen. FRENCH FARMING: GOOD FOR PEOPLE, GOOD FOR WILDLIFE. *New Sci.* 100(1385):568-571. 24 Nov. 1983. WR 192

84-000230 Monthey, Roger W. RESPONSES OF BIRDS TO TIMBER HARVESTING ALONG MEADOW EDGES IN NORTHWESTERN OREGON. *Northwest Sci.* 57(4):283-290. Nov. 1983. WR 192
[U.S. Bur. Land Manage., 1717 Fabry Rd. S.E., Salem, OR 97302]

84-000231 Newton, I. THE EFFECTS OF UPLAND AFFORESTATION ON SOME PREDATORY BIRDS. *Ibis* 125(4):592. Oct. 1983. Abstract only. WR 192
[Inst. Terrestrial Ecol., Huntingdon, England] *Asio flammeus, A. otus, Tyto alba, Falco tinnunculus, Accipiter nisus,* and *Strix aluco* in Britain.

84-000232 Onley, Derek. THE EFFECTS OF LOGGING ON WINTER BIRD POPULATIONS NEAR KARAMEA. *Notornis* 30(3):187-197. Sept. 1983. WR 192
[Madman's Farm, Little Totara River, Private Bag, Westport, New Zealand]

84-000233 Pitman, W. D. and E. C. Holt. HERBAGE PRODUCTION AND QUALITY OF GRASSES WITH LIVESTOCK AND WILDLIFE VALUE IN TEXAS. *J. Range Manage.* 36(1):52-54. Jan. 1983. WR 192
[Univ. Fla., Agric. Res. Cent., Ona 33865]

84-000234 Rickard, William H. and Lee E. Rogers. INDUSTRIAL LAND-USE AND THE CONSERVATION OF NATIVE BIOTA IN THE SHRUB-STEPPE REGION OF WESTERN NORTH AMERICA. *Environ. Conserv.* 10(3):205-211. 1983. WR 192
[Battelle Memorial Inst., Pacific Northwest Lab., P.O. Box 999, Richland, WA 99352]

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

84-000235 Rowland, Mary M. A FIRE FOR WINTER ELK. *N.M. Wildl.* 28(6):2-5. Nov.-Dec. 1983. WR 192
*Cervus elaphus nelsoni* in New Mexico.

84-000236 Rybachuk, V. N. [THE INFLUENCE OF DEFORESTATION ON NUTRITION OF THE MOSCHIDAE IN WINTER TIME.] *Vestn. Nosk. Univ. Ser. Geogr.* 1:62-67. 1982. From Ecol. Abstr. 1982/6:82L/8544. 1982. In Russian. WR 192
*Moschus moschiferus.*

84-000237 Schaid, Tim A.; Daniel W. Uresk; W. Lee Tucker and Raymond L. Linder. EFFECTS OF SURFACE MINING ON THE VESPER SPARROW IN THE NORTHERN GREAT PLAINS. *J. Range Manage.* 36(4):500-503. July 1983. WR 192
[Burns & McDonnell, P.O. Box 173, Kansas City, MO 64141] *Pooecetes gramineus* in Wyoming.

84-000238 Skovlin, Jon M.; Paul J. Edgerton and Burt R. McConnell. ELK USE OF WINTER RANGE AS AFFECTED BY CATTLE GRAZING, FERTILIZING, AND BURNING IN SOUTHEASTERN WASHINGTON. *J. Range Manage.* 36(2):184-189. Mar. 1983. WR 192
[Range & Wildl. Habitat Lab., USDA-FS, Rt. 2, Box 2315, La Grande, OR 97850] *Cervus elaphus nelsoni.*

84-000239 Smith, Roger H.; Glendon T. Stevens, Jr., Timothy B. Grace and A. Stephen Weithman. THE INFLUENCE OF CHANNEL REGULATING STRUCTURES ON FISH AND WILDLIFE HABITAT (GREAT-III). APPENDIX. VOLUME II. TABLES. *Missouri Univ.-Rolla. Inst. River Studies* 222p. Aug. 1982. From U.S. Government Reports 83(6):1079. 18 Mar. 1983. Available from NTIS as AD-A121 583/9. WR 192

84-000240 Smith, Roger H.; Glendon T. Stevens, Jr.; Timothy B. Grace and A. Stephen Weithman. THE INFLUENCE OF CHANNEL REGULATING STRUCTURES ON FISH AND WILDLIFE HABITAT (GREAT-III). FINAL REPORT. *Missouri Univ.-Rolla. Inst. River Studies* 84p. Aug. 1982. From U.S. Government Reports 83(6):1079. 18 Mar. 1983. Available from NTIS as AD-A121 607/6. WR 192

84-000241 Smith, Roger H.; Glendon T. Stevens, Jr.; Timothy B. Grace and A. Stephen Weithman. THE INFLUENCE OF CHANNEL REGULATING STRUCTURES ON FISH AND WILDLIFE HABITAT (GREAT-III). APPENDIX. VOLUME I. FIGURES AND PHOTOGRAPHS. *Missouri Univ.-Rolla Inst. River Studies* 266p. Aug. 1982. From U.S. Government Reports 83(6):1079. 18 Mar. 1983. Available from NTIS as AD-A121 582/1. WR 192

84-000242 Smith, W. T. and R. D. Cameron. RESPONSES OF CARIBOU TO INDUSTRIAL DEVELOPMENT ON ALASKA'S ARCTIC SLOPE. *Acta Zool. Fenn.* No. 175. p. 43-45. 1983. WR 192
[Alaska Dep. Fish & Game, 1300 College Rd., Fairbanks 99701] *Rangifer tarandus.*

84-000243 Tuite, C. H.; Myrfyn Owen and David Paynter. INTERACTION BETWEEN WILDFOWL AND RECREATION AT LLANGORSE LAKE AND TALYBONT RESERVOIRS, SOUTH WALES. *Wildfowl* 34:48-63. 1983. WR 192
[1521 East June, Mesa, AZ 85203]

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

84-000244 Vaske, Jerry J.; Alan R. Graefe and Fred R. Kuss. RECREATIONAL IMPACTS: A SYNTHESIS OF ECOLOGICAL AND SOCIAL RESEARCH. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:96-107. 1983. WR 192
[Univ. Md., College Park]

84-000245 Vogel, William Otto. THE EFFECTS OF HOUSING DEVELOPMENTS AND AGRICULTURE ON THE ECOLOGY OF WHITE-TAILED DEER AND MULE DEER IN THE GALLATIN VALLEY, MONTANA. *M.S. thesis, Mont. State Univ.* 86p. June. 1983. WR 192
*Odocoileus virginianus* and *O. hemionus*.--Courtesy/Robert L. Eng.

84-000246 Vos, Diana. RESPONSE OF BREEDING GREAT BLUE HERONS TO HUMAN DISTURBANCE. *C.F.O. (Colo. Field Ornithol.) J.* 17(3):6. 1983. Abstract only. WR 192
[Dep. Fish. & Wildl. Biol., Colo. State Univ., Fort Collins 80523] *Ardea herodias* in Colorado.

84-000247 Webb, William M. and Fred S. Guthery. RESPONSE OF WILDLIFE FOOD PLANTS TO SPRING DISCING OF MESQUITE RANGELAND IN NORTHWEST TEXAS. *J. Range Manage.* 36(3):351-353. May 1983. WR 192
[Dep. Range & Wildl. Manage., Tex. Tech Univ., Lubbock 79409]

84-000248 Williams, Gwyn; Andrew Henderson; Lucy Goldsmith and Andrew Spreadborough. THE EFFECTS ON BIRDS OF LAND DRAINAGE IMPROVEMENTS IN THE NORTH KENT MARSHES. *Wildfowl* 34:33-47. 1983. WR 192
[RSPB, Conserv. Planning, The Lodge, Sandy, Bedfordshire, SG19 2DL, England]

84-000249 Zager, Peter; Charles Jonkel and James Habeck. LOGGING AND WILDFIRE INFLUENCE ON GRIZZLY BEAR HABITAT IN NORTHWESTERN MONTANA. *Bear Biol. Assoc. Conf. Ser.* 4:124-132. 1983. WR 192
[Biol. Dep., Muskingum Coll., New Concord, OH 43762] *Ursus arctos.*

MAMMALS--GENERAL

84-000250 Cothran, E. Gus and Michael H. Smith. CHROMOSOMAL AND GENIC DIVERGENCE IN MAMMALS. *Syst. Zool.* 32(4):360-368. Dec. 1983. WR 192
[Southwest Foundation Res. & Education, P.O. Box 28147, San Antonio, TX 78284]

84-000251 Mellen, Jill D.; Victor J. Stevens and Hal Markowitz. ENVIRONMENTAL ENRICHMENT FOR SERVALS, INDIAN ELEPHANTS AND CANADIAN OTTERS *FELIS SERVAL, ELEPHAS MAXIMUS, LUTRA CANADENSIS* AT WASHINGTON PARK ZOO, PORTLAND. *Int. Zoo Yearb.* 21:196-201. 1981. WR 192
[Washington Park Zoo, 4001 S.W. Canyon Rd., Portland, OR 97221]

84-000252 Moore, Dwight W. and Janet K. Braun. KEYS TO THE HAIRS OF THE FAMILIES SORICIDAE, VESPERTILIONIDAE, AND MURIDAE WITHIN TENNESSEE. *J. Tenn. Acad. Sci.* 58(3&4):40-43. July-Oct. 1983. WR 192
[Mus. Southwestern Biol., Univ. N.M., Albuquerque 87131]

MAMMALS--GENERAL (CONTINUED)

84-000253 Rautenbach, I. L.; N. J. Dippenaar; J. Meester and D. A. Wolhuter. THE STATUS OF SOUTHERN AFRICAN MAMMAL TAXONOMY. *Afr. Small Mammal Newsl. Spec.* No. 4. p. 39. July 1981. Abstract only. WR 192

84-000254 Ruprecht, Andrzej L. FÄLLE VON SELBSTAUSHEILUNG VON UNTERKIEFERBRÜCHEN BEI KLEINSÄUGERN AUS DEM LEBENSRAUM. [CASES OF SELF-HEALING OF MANDIBLE FRACTURES IN SMALL MAMMALS IN NATURE.] *Säugetierkd. Mitt.* 29(4):79-80. 1981. In German with English summ. WR 192
[Inst. Säugetierforschung, 17-230 Białowieża, Poland] *Apodemus agrarius, A. sylvaticus,* and *Eptesicus serotinus.*

84-000255 Scowcroft, Paul G. and Howard F. Sakai. IMPACT OF FERAL HERBIVORES ON MAMANE FORESTS OF MAUNA KEA, HAWAII: BARK STRIPPING AND DIAMETER CLASS STRUCTURE. *J. Range Manage.* 36(4):495-498. July 1983. WR 192
[Pac. Southwest For. & Range Exp. Stn., U.S. For. Serv., Honolulu, HI]

84-000256 Snyder, Robert L.; Diane J. McFadden and Nancy Taggart Davis. MAMMALIAN LONGEVITY AT THE PHILADELPHIA ZOO. *Phila. Zoo Rev.* 1(1):[11-22]. 1982. WR 192
[Penrose Res. Lab., Zool. Soc. Philadelphia, Philadelphia, PA]

84-000257 Zima, Jan. KARYOLOGICKÉ POZNATKY O NĚKTERÝCH SAVCÍCH PŘÍMOŘSKÝCH OBLASTÍ RUMUNSKA. [KARYOTYPES OF CERTAIN SMALL MAMMALS FROM THE BLACK SEA COASTAL REGIONS IN RUMANIA.] *Vertebr. Zprávy* 1982:59-60. 1982. In Czech with English summ. WR 192
Data for 9 spp.

MAMMALS--TECHNIQUES

84-000258 Clark, Tim W. and Thomas M. Campbell III. A SMALL CARNIVORE SURVEY TECHNIQUE. *Great Basin Nat.* 43(3):438-440. 31 July 1983. WR 192
[Dep. Biol., Idaho State Univ., Pocatello 83201]

84-000259 de V. Moss, P. THE USE OF A HELICOPTER TO DRIVE LARGE WILD ANIMALS. *Black Lechwe* No. 5. p. 11-19. Oct. 1983. WR 192
[Natl. Parks & Wildl. Serv., Zambia]

84-000260 Dickman, C. R.; D. H. King; D. C. D. Happold and M. J. Howell. IDENTIFICATION OF THE FILIAL RELATIONSHIPS OF FREE-LIVING SMALL MAMMALS BY $^{35}$SULFUR. *Aust. J. Zool.* 31(4):467-474. 1983. WR 192
[Happold: Dep. Zool., Australian Natl. Univ., Canberra, A.C.T. 2600, Australia] *Mus musculus, Rattus fuscipes,* and *Antechinus stuartii.*

84-000261 Kaufman, Donald W.; John B. Gentry; Glennis A. Kaufman; Michael H. Smith and James G. Wiener. DENSITY ESTIMATION OF SMALL MAMMALS: COMPARISON OF TECHNIQUES UTILIZING REMOVAL TRAPPING. *Acta Theriol.* 23(7):147-171. 1978. In English with Polish summ. WR 192

MAMMALS--TECHNIQUES (CONTINUED)

84-000262 Scott, Del T.; Clive D. Jorgensen and H. Duane Smith. COMPARISON OF LIVE AND REMOVAL METHODS TO ESTIMATE SMALL MAMMAL DENSITIES. *Acta Theriol.* 23(8):173-193. 1978. In English with Polish summ. WR 192

84-000263 Stevens, M. L. A RELIABLE CELLOIDIN TECHNIQUE FOR DENTAL CEMENTUM ANALYSIS: A COMMENT. *J. Wildl. Manage.* 47(4):1243-1244. Oct. 1983. WR 192
[Colo. Div. Wildl., 317 W. Prospect, Fort Collins 80526]

84-000264 Tumlison, Renn and V. Rick McDaniel. A RELIABLE CELLOIDIN TECHNIQUE FOR DENTAL CEMENTUM ANALYSIS: A REPLY. *J. Wildl. Manage.* 47(4):1244-1245. Oct. 1983. WR 192
[Dep. Zool., Okla. State Univ., Stillwater 74078]

MAMMALS--FAUNAS, COMMUNITIES AND MANUALS

84-000265 Coetzee, C. G. DISTRIBUTION PATTERNS OF TERRESTRIAL MAMMALS IN SOUTH WEST AFRICA/NAMIBIA. *Afr. Small Mammal Newsl. Spec.* No. 4. p. 36. July 1981. Abstract only. WR 192
[State Mus., Windhoek, Namibia]

84-000266 Gaisler, Jiří. THE COMMUNITY OF RODENTS AND INSECTIVORES ON THE RIDGE OF THE ORLICKÉ HORY MTS. IN THE TEN YEARS' ASPECT. *Folia Zool.* 32(3):241-257. 1983. In English with Russian summ. WR 192
[Fac. Sci., J.E. Purkyně Univ., Kotlářská 2, 611 37 Brno, Czechoslovakia]

84-000267 Grubb, Peter. THE BIOGEOGRAPHIC SIGNIFICANCE OF FOREST MAMMALS IN EASTERN AFRICA. *Afr. Small Mammal Newsl. Spec.* No. 4. p. 37. July 1981. Abstract only. WR 192

84-000268 Happold, D. C. D. GEOGRAPHICAL ECOLOGY OF NIGERIAN MAMMALS. *Afr. Small Mammal Newsl. Spec.* No. 4. p. 38. July 1981. Abstract only. WR 192
[Dep. Zool., Australian Natl. univ., Canberra, ACT 2600, Australia]

84-000269 Johnston, Thomas R., Jr. and Gordon L. Kirkland, Jr. ECOLOGY OF SMALL MAMMALS AT THE FOREST-CLEARCUT INTERFACE. *Proc. Pa. Acad. Sci.* 57(1):125. 1983. Abstract only. WR 192
[Vertebr. Mus., Shippensburg State Coll., Shippensburg, PA 17257]

84-000270 Jones, Gwilym S. ECOLOGICAL AND DISTRIBUTIONAL NOTES ON MAMMALS FROM VIETNAM, INCLUDING THE FIRST RECORD OF *NYCTALUS*. *Mammalia* 47(3):339-344. 1983. In English with French summ. WR 192
[Dep. Biol., Northeastern Univ., Boston, MA 02115] *N. noctua*.

84-000271 Maser, Chris; Bruce R. Mate; Jerry F. Franklin and C. T. Dryness. NATURAL HISTORY OF OREGON COAST MAMMALS. *U.S. For. Serv. Gen. Tech. Rep.* PNW-133. 518p. Sept. 1981. From U.S. Government Reports 83(15):3506. 22 July 1983. Available from NTIS as PB83-181479. WR 192

MAMMALS--FAUNAS, COMMUNITIES AND MANUALS (CONTINUED)

84-000272 Pelikán, Jaroslav; Jan Zejda and Miloslav Homolka. MAMMALS IN THE URBAN AGGLOMERATION OF BRNO. *Přírodověd. Pr. Ústavů Česk. Akad. Věd Brně* 17(9):1-49. 1983. In English with Russian summ. WR 192
[Inst. Vertebr. Zool., ČSAV, Květná 8, 603 65 Brno, Czechoslavakia]

84-000273 Ropski, Steve and Kenneth W. Andersen. A SURVEY OF THE MAMMALS OF THE WATTSBURG FEN NATURAL AREA. *Proc. Pa. Acad. Sci.* 57(1):118. 1983. Abstract only. WR 192
[Indiana State Univ., Erie, PA 16541]

84-000274 Smith, Charles H. A SYSTEM OF WORLD MAMMAL FAUNAL REGIONS. I. LOGICAL AND STATISTICAL DERIVATION OF THE REGIONS. *J. Biogeogr.* 10(5):455-466. Sept. 1983. WR 192
[Dep. Geogr., Univ. Ill., Urbana 61801]

84-000275 Vereshchagin, N. K. and G. F. Baryshnikov. [THE ECOLOGICAL STRUCTURE OF MAMMOTH FAUNA OF EURASIA.] *Zool. Zh.* 62(8):1245-1251. Aug. 1983. In Russian with English summ. WR 192
[Zool. Inst., USSR Acad. Sci., Leningrad, USSR]

MAMMALS--MORPHOLOGY AND PHYSIOLOGY

84-000276 Bieguszewski, Henryk and Roman Szymeczko. MORPHOLOGICAL COMPONENTS AND BLOOD SERUM PROTEINS IN HYBRIDS OF THE SKUNK AND FERRET DURING THE POSTNATAL PERIOD. *Acta Theriol.* 23(15):269-276. 1978. In English with Polish summ. WR 192

84-000277 Blackburn, D. G. ALTERNATIVE INTERPRETATIONS OF MAMMALIAN REPRODUCTIVE EVOLUTION. *Am. Zool.* 23(4):945. 1983. Abstract only. WR 192
[Cornell Univ., Ithaca, NY]

84-000278 Brenner, Fred J.; R. Bruce Kelly and Jeffrey Kelly. PHYSIOLOGICAL CHARACTERISTICS OF THREE SPECIES OF SMALL MAMMALS ON SURFACE MINED LANDS. *Proc. Pa. Acad. Sci.* 57(1):41-44. 1983. WR 192
[Biol. Dep., Grove City Coll., Grove City, PA 16127] *Microtus pennsylvanicus, Peromyscus leucopus,* and *Blarina brevicauda* in Pennsylvania.

84-000279 Brenner, Fred J. and Douglas K. Atno. MORPHOLOGICAL AND EYE LENS PROTEIN CHARACTERISTICS IN THREE SPECIES OF SMALL MAMMALS. *Proc. Pa. Acad. Sci.* 57(1):113-114. 1983. Abstract only. WR 192
[Biol. Dep., Grove City Coll., Grove City, PA 16127] *Blarina brevicauda, Peromyscus leucopus* and *Microtus pennsylvanicus.*

84-000280 Caughley, Graeme and Charles J. Krebs. ARE BIG MAMMALS SIMPLY LITTLE MAMMALS WRIT LARGE? *Oecologia (Berl.)* 59(1):7-17. Aug. 1983. WR 192
[Div. Wildl. & Rangelands Res., CSIRO, P.O. Box 84, Lyneham, A.C.T., Australia 2602]

MAMMALS--MORPHOLOGY AND PHYSIOLOGY (CONTINUED)

84-000281 Coombs, Margery Chalifoux. LARGE MAMMALIAN CLAWED HERBIVORES: A COMPARATIVE STUDY. *Trans. Am. Philos. Soc.* 73(7):1-96. 1983. WR 192
[Univ. Mass., Amherst]

84-000282 Hayssen, V. and R. C. Lacy. A REEXAMINATION OF MAMMALIAN METABOLIC RATES. *Am. Zool.* 23(4):957. 1983. Abstract only. WR 192
[Cornell Univ., Ithaca, NY]

84-000283 Hildebrand, M. and J. P. Hurley. ENERGY OF OSCILLATION OF THE LEGS, MODELED ON THE FAST-MOVING ELEPHANT, CHEETAH, PRONGHORN, AND JACKRABBIT. *Am. Zool.* 23(4):905. 1983. Abstract only. WR 192
[Univ. Calif., Davis]

84-000284 Hofman, Michel A. ENERGY METABOLISM, BRAIN SIZE AND LONGEVITY IN MAMMALS. *Q. Rev. Biol.* 58(4):495-512. Dec. 1983. WR 192
[Netherlands Inst. Brain Res., Amsterdam, Netherlands]

84-000285 Hofman, Michel A. EVOLUTION OF BRAIN SIZE IN NEONATAL AND ADULT PLACENTAL MAMMALS: A THEORETICAL APPROACH. *J. Theor. Biol.* 105(2):317-332. 21 Nov. 1983. WR 192
[Netherlands Inst. Brain Res., Ydijk 28, 1095 KJ Amsterdam, Netherlands]

84-000286 Jarman, Peter. MATING SYSTEM AND SEXUAL DIMORPHISM IN LARGE, TERRESTRIAL, MAMMALIAN HERBIVORES. *Biol. Rev. Camb. Philos. Soc.* 58(4):485-520. Nov. 1983. WR 192
[Dep. Ecosystems Manage., Univ. New England, Armidale, New South Wales 2351, Australia]

84-000287 McClearn, D. ARCHITECTURE OF MAMMALIAN FOREARM AND LEG MUSCLES. *Am. Zool.* 23(4):890. 1983. Abstract only. WR 192
[Harvard Univ., Cambridge, MA]

84-000288 Pridmore, P. A. VERTEBRAL BENDING IN LOCOMOTING MAMMALS. *Am. Zool.* 23(4):889. 1983. Abstract only. WR 192
[Univ. Mich., Ann Arbor]

84-000289 Prothero, John. ORGAN SCALING IN MAMMALS: THE KIDNEYS. *Comp. Biochem. Physiol. A Comp. Physiol.* 77(1):133-138. 1984. WR 192
[Dep. Biol. Structure, Univ. Wash., School Med., Seattle 98195]

84-000290 Stearns, Stephen C. THE INFLUENCE OF SIZE AND PHYLOGENY ON PATTERNS OF COVARIATION AMONG LIFE-HISTORY TRAITS IN THE MAMMALS. *Oikos* 41(2):173-187. Oct. 1983. In English with Russian summ. WR 192
[Biol. Lab., Reed Coll., Portland, OR 97202]

84-000291 Western, David. PRODUCTION, REPRODUCTION AND SIZE IN MAMMALS. *Oecologia (Berl.)* 59(2-3):269-271. Sept. 1983. WR 192
[N.Y. Zool. Soc., Univ. Nairobi, POB 28177, Nairobi, Kenya]

MAMMALS--BEHAVIOR

84-000292 Defler, Thomas R. ASSOCIATIONS OF THE GIANT RIVER OTTER (*PTERONURA BRASILIENSIS*) WITH FRESH-WATER DOLPHINS (*INIA GEOFFRENSIS*). *J. Mammal.* 64(4):692. 25 Nov. 1983. WR 192
[Apartado Aéreo 4559, Bogatá, Colombia]

84-000293 Senzota, R. B. M. A BABOON-HYRAX FEEDING FACILITATION. *Mammalia* 47(3):421-423. 1983. In English. WR 192
[Dep. Wildl. & Fish. Sci., Tex. A&M, Univ., College Station 77843] *Papio anubis, Procavia johnstoni,* and *Heterohyrax brucei* in Tanzania.

MAMMALS--MORTALITY AND SURVIVAL

84-000294 Moore, Dwight W. and Terry L. Yates. RATE OF PROTEIN INACTIVATION IN SELECTED MAMMALS FOLLOWING DEATH. *J. Wildl. Manage.* 47(4):1166-1169. Oct. 1983. WR 192
[Dep. Biol. & Mus. Southwestern Biol., Univ. N.M., Albuquerque 87131]

MAMMALS--PESTICIDES AND POLLUTION

84-000295 Backhaus, Brigitte and R. Backhaus. DIE CADMIUM-BELASTUNG DES REHWILDES IM EGGEGEBIRGE. [THE CADMIUM-CONTENT OF ROE DEER IN THE EGGE MOUNTAINS.] *Z. Jagdwiss.* 29(4):213-218. Dec. 1983. In German with English and French summ. WR 192
[Inst. Zool., Rheinisch-Westfälischen Tech. Hochschule Aachen, Kopernikusstr. 16, D-5100 Aachen, West Germany] *Capreolus capreolus* in West Germany.

84-000296 Badsha, K. S. HEAVY METAL LEVELS IN THE FAECAL CONTENTS OF RED DEER *CERVUS ELAPHUS* (L.) IN NORTH-WEST ENGLAND. *Naturalist (Leeds)* 108(966):93-103. July-Sept. 1983. WR 192
[Dep. Biol. Sci., Manchester Polytech., Chester St., Manchester M1 5GD, England]

84-000297 Geraci, J. R.; D. J. St. Aubin and R. J. Reisman. BOTTLENOSE DOLPHINS, *TURSIOPS TRUNCATUS*, CAN DETECT OIL. *Can. J. Fish. Aquatic Sci.* 40(9):1516-1522. Sept. 1983. In English with French summ. WR 192
[Wildl. Sect., Dep. Pathol., Univ. Guelph, Guelph, Ontario, Canada N1G 2W1]

84-000298 Johnson, L. ASSESSMENT OF THE EFFECTS OF OIL ON ARCTIC MARINE FISH AND MARINE MAMMALS. *Can. Tech. Rep. Fish. Aquatic Sci.* No. 1200. viii + 15p. Nov. 1983. In English with French summ. WR 192
[Western Region, Dep. Fish & Oceans, Winnipeg, Manitoba, Canada R3T 2N6]

84-000299 Montz, W. Edward, Jr.; Roy L. Kirkpatrick and Patrick F. Scanlon. EFFECTS OF THE ORGANOPHOSPHATE INSECTICIDE, PARATHION, ON REPRODUCTIVE CHARACTERISTICS IN *SYLVILAGUS FLORIDANUS*. *Va. J. Sci.* 34(3):129. 1983. Abstract only. WR 192
[Dep. Fish. & Wildl. Biol., Va. Polytech. Inst. & State Univ., Blacksburg 24061]

MAMMALS--PESTICIDES AND POLLUTION (CONTINUED)

84-000300 Montz, W. Edward, Jr.; Patrick F. Scanlon and Roy L. Kirkpatrick. EFFECTS OF FIELD APPLICATION OF THE CARBAMATE INSECITICIDE, METHOMYL, ON BRAIN ACETYLCHOLINESTERASE ACTIVITIES IN *MUS MUSCULUS*. *Va. J. Sci.* 34(3):130. 1983. Abstract only. WR 192
[Dep. Fish. & Wildl. Sci., Va. Polytech. Inst. & State Univ., Blacksburg 24061]

84-000301 Nordkvist, M. and K. Erne. THE TOXICITY OF FOREST FERTILIZERS (AMMONIUM NITRATE) TO REINDEER. *Acta Zool. Fenn.* No. 175. p. 101-105. 1983. WR 192
[Natl. Vet. Inst. (SVA), S-750 07 Uppsala, Sweden] *Rangifer tarandus.*

84-000302 Smith, T. G.; J. R. Geraci and D. J. St. Aubin. REACTION OF BOTTLENOSE DOLPHINS, *TURSIOPS TRUNCATUS*, TO A CONTROLLED OIL SPILL. *Can. J. Fish. Aquatic Sci.* 40(9):1522-1525. Sept. 1983. In English with French summ. WR 192
[Arctic Biol. Stn., Dep. Fish. & Oceans, Ste. Anne de Bellevue, Quebec, Canada H9X 3L6]

MAMMALS--PARASITES AND DISEASES

84-000303 Anderson, John F.; Louis A. Magnarelli; Willy Burgdorfer and Alan G. Barbour. SPIROCHETES IN *IXODES DAMMINI* AND MAMMALS FROM CONNECTICUT. *Am. J. Trop. Med. Hyg.* 32(4):818-824. 1983. WR 192
[Dep. Entomol., Agric. Exp. Stn., New Haven, CT 06504] *Tamias striatus, Procyon lotor, Peromyscus leucopus,* and *Tamiasciurus hudonicus.*

84-000304 Bushman, John Branson. SYLVATIC PLAGUE IN UTAH: A TEN YEAR STUDY OF ENZOOTIC FOCI IN WESTERN UTAH. *Ph.D. dissertation, Univ. Utah* 250p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):998-999. Oct. 1983. WR 192

84-000305 Khalil, L. F. THE EFFECT OF THE ENVIRONMENT AND ANIMAL HUSBANDRY ON THE HELMINTH PARASITES OF DOMESTIC AND GAME ANIMALS IN THE JONGLEI AREA OF SOUTHERN SUDAN. *Parasitology* 87(2):xviii. Oct. 1983. Abstract only. WR 192
[Commonwealth Inst. Parasitol., St. Albans, Hertfordshire, England]

84-000306 Loker, Eric S. A COMPARATIVE STUDY OF THE LIFE-HISTORIES OF MAMMALIAN SCHISTOSOMES. *Parasitology* 87(2):343-369. Oct. 1983. WR 192
[Dep. Biol., 816 Park Ave., Va. Commonwealth Univ., Richmond 23284]

84-000307 Rossiter, P. B.; D. M. Jessett; J. S. Wafula; L. Karstad; S. Chema; W. P. Taylor; L. Rowe; J. C. Nyange; M. Otaru; M. Mumbala and G. R. Scott. RE-EMERGENCE OF RINDERPEST AS A THREAT IN EAST AFRICA SINCE 1979. *Vet. Rec.* 113(20):459-461. 12 Nov. 1983. WR 192
[Vet. Res. Dep., Agric. Res. Inst., Muguga, P.O. Box 32, Kikuyu, Kenya]

84-000308 Seymour, C.; P. H. Peralta and G. G. Montgomery. SEROLOGIC EVIDENCE OF NATURAL TOGAVIRUS INFECTIONS IN PANAMANIAN SLOTHS AND OTHER VERTEBRATES. *Am. J. Trop. Med. Hyg.* 32(4):854-861. 1983. WR 192

MAMMALS--PARASITES AND DISEASES (CONTINUED)

84-000308 CONTINUED
[St. Francis Hospital & Med. Cent., 114 Woodland St., Hartford, CT 06105] *Choloepus hoffmanni, Bradypus variegatus, Dasyprocta punctata,* and *Alouatta villosa.*

MAMMALS--ECONOMICS, DAMAGE, PREDATION, AND CONTROL

84-000309 Bergerud, A. T.; W. Wyett and B. Snider. THE ROLE OF WOLF PREDATION IN LIMITING A MOOSE POPULATION. *J. Wildl. Manage.* 47(4):977-988. Oct. 1983. WR 192
[Dep. Biol., Univ. Victoria, Victoria, British Columbia, Canada V8W 2Y2] *Alces alces* and *Canis lupus* in Canada.

84-000310 Carbyn, Ludwig N. WOLF PREDATION ON ELK IN RIDING MOUNTAIN NATIONAL PARK, MANITOBA. *J. Wildl. Manage.* 47(4):963-976. Oct. 1983. WR 192
[Canadian Wildl. Serv., #1000, 9942-108 St., Edmonton, Alberta, Canada T5K 2J5] *Cervus elaphus* and *Canis lupus* in Canada.

84-000311 Green, J. S. and R. A. Woodruff. THE USE OF THREE BREEDS OF DOG TO PROTECT RANGELAND SHEEP FROM PREDATORS. *Appl. Anim. Ethol.* 11(2):141-161. Nov. 1983. WR 192
[U.S. Dep. Agric., Agric. Res. Serv., Dubois, ID 83423] *Canis latrans.*

84-000312 Heimer, Wayne E. and Robert O. Stephenson. RESPONSES OF DALL SHEEP POPULATIONS TO WOLF CONTROL IN INTERIOR ALASKA. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 320-329. 1982. WR 192
[Dep. Fish & Game, Fairbanks, AK] *Ovis dalli* and *Canis lupus.*

84-000313 Pederson, Jordan C. and R. Cary Tuckfield. A COMPARATIVE STUDY OF COYOTE FOOD HABITS ON TWO UTAH DEER HERDS. *Great Basin Nat.* 43(3):432-437. 31 July 1983. WR 192
[Utah Wildl. Resour., 115 N. Main St., Springville 84663] *Canis latrans* and *Odocoileus hemionus.*

84-000314 Schwartz, Charles C. and Albert W. Franzmann. EFFECTS OF TREE CRUSHING ON BLACK BEAR PREDATION ON MOOSE CALVES. *Bear Biol. Assoc. Conf. Ser.* 4:40-44. 1983. WR 192
[Kenai Moose Res. Cent., Alaska Dep. Fish & Game, Soldonta 99669] *Alces alces gigas* and *Ursus americanus* in Alaska.

MARSUPIALS

84-000315 Bowman, Dwight D.; Jeffery L. Smith and M. D. Little. *LAGOCHILASCARIS SPRENTI* SP. N. (NEMATODA: ASCARIDIDAE) FROM THE OPOSSUM, *DIDELPHIS VIRGINIANA* (MARSUPIALIA: DIDELPHIDAE). *J. Parasitol.*

MARSUPIALS (CONTINUED)

84-000315 CONTINUED 69(4):754-760. Aug. 1983. WR 192
[Dep. Parasitol., Tulane Univ., New Orleans, LA 70112]

84-000316 Bublitz, Johannes. BEITRÄGE ZU SKELETTBAU, VERHALTEN UND LEBENSRAUM DER GATTUNG *CAENOLESTES* THOMAS 1895 (MARSUPIALIA). [CONTRIBUTIONS TO SKELETAL STRUCTURE, BEHAVIOUR AND HABITAT OF THE GENUS *CAENOLESTES* THOMAS 1895 (MARSUPIALIA).] *Zool. Anz.* 211(5/6):359-363. 1983. In German with English summ. WR 192
[Inst. Haustierkd., Christian-Albrechts-Univ. Kiel, Olshausenstr. 40-60, D-2300 Kiel 1, West Germany] *C. fuliginosus* in Ecuador.

84-000317 Camazine, Scott M.; James F. Resch; Thomas Eisner and Jerrold Meinwald. MUSHROOM CHEMICAL DEFENSE: PUNGENT SESQUITERPENOID DIALDEHYDE ANTIFEEDENT TO OPOSSUM. *J. Chem. Ecol.* 9(10):1439-1447. Oct. 1983. WR 192
[Div. Biol. Sci., Cornell Univ., Ithaca, NY 14853] *Didelphis virginiana*.

84-000318 Cockburn, Andrew; Anthony K. Lee and Roger W. Martin. MACROGEOGRAPHIC VARIATION IN LITTER SIZE IN *ANTECHINUS* (MARSUPIALIA: DASYURIDAE). *Evolution* 37(1):86-95. Jan. 1983. WR 192
[Dep. Zool., Monash Univ., Clayton, Victoria 3168, Australia]

84-000319 Cooper, D. W. and Patricia A. Woolley. CONFIRMATION OF A NEW SPECIES OF SMALL DASYURID MARSUPIAL BY ELECTROPHORETIC ANALYSIS OF ENZYMES AND PROTEINS. *Aust. J. Zool.* 31(5):743-751. 1983. WR 192
[School Biol. Sci., Macquarie Univ., North Ryde, New South Wales 2113, Australia]

84-000320 Dellow, D. W.; J. V. Nolan and I. D. Hume. STUDIES ON THE NUTRITION OF MACROPODINE MARSUPIAL V. MICROBIAL FERMENTATION IN THE FORESTOMACH OF *THYLOGALE THETIS* AND *MACROPUS EUGENII*. *Aust. J. Zool.* 31(4):433-443. 1983. WR 192
[Appl. Biochem. Div., DSIR, Palmerston North, New Zealand]

84-000321 Eckerlin, Ralph P. PARASITES OF THE OPOSSUM, *DIDELPHIS VIRGINIANA*, IN NORTHERN VIRGINIA. *Va. J. Sci.* 34(3):120. 1983. Abstract only. WR 192
[Div. Nat. Sci., Northern Va. Community Coll., Annandale 22003]

84-000322 Fadem, B. H. and E. A. Cole. SCENT-MARKING IN THE GRAY SHORT-TAILED OPOSSUM (*MONODELPHIS DOMESTICA*). *Am. Zool.* 23(4):936. 1983. Abstract only. WR 192
[N.J. Med. School, Newark]

84-000323 Fleming, D.; R. N. Cinderey and J. P. Hearn. THE REPRODUCTIVE BIOLOGY OF BENNETT'S WALLABY (*MACROPUS RUFOGRISEUS RUFOGRISEUS*) RANGING FREE AT WHIPSNADE PARK. *J. Zool. (Lond.)* 201(2):283-291. Oct. 1983. WR 192
[Inst. Zool., Zool. Soc. London, Regent's Park, London NW1 4RY, England]

MARSUPIALS (CONTINUED)

84-000324 Ganslosser, Udo. MUSKELANSÄTZE, KNOCHENSTÄRKE, HAND- UND FUßWURZELSKELETT EINIGER BAUMKÄNGURUHARTEN (*DENDROLAGUS* MÜLLER, 1838). [MUSCLES, BONES, HANDS, AND FOOT ASSOCIATIONS OF SOME TREE KANGAROOS *DENDROLAGUS*.] *Säugetierkd. Mitt.* 29(4):68-78. 1981. In German with English summ. WR 192
[Zool. Inst., Abt. Wirbeltiermorph., Im Neuenheimer Feld 230, D-6900 Heidelberg, West Germany]

84-000325 Griffin, D. L.; P. J. Canfield; G. H. Collins and R. K. Dickens. *CTENOCEPHALIDES FELIS FELIS* INFESTATION OF KOALAS. *Aust. Vet. J.* 60(9):275. Sept. 1983. WR 192
[Dep. Vet. Pathol. & Bacteriol., Univ. Sydney, Sydney, New South Wales, Australia 2006] *Phascolarctos cinereus* in Australia.

84-000326 Hinds, L. A. and R. C. den Ottolander. EFFECT OF CHANGING PHOTOPERIOD ON PERIPHERAL PLASMA PROLACTIN AND PROGESTERONE CONCENTRATIONS IN THE TAMMAR WALLABY (*MACROPUS EUGENII*). *J. Reprod. Fert.* 69(2):631-639. Nov. 1983. WR 192
[Div. Wildl. & Rangelands, CSIRO, P.O. Box 84, Lyneham, A.C.T., Australia 2602]

84-000327 Johnson, P. M. THE REARING OF MARSUPIAL POUCH YOUNG BY FOSTER MOTHERS OF DIFFERENT SPECIES. *Int. Zoo Yearb.* 21:173-176. 1981. WR 192
[Natl. Parks & Wildl. Serv., Pallarenda 4810, Australia]

84-000328 Kerr, Jeffrey B. and Mark P. Hedger. SPONTANEOUS SPERMATOGENIC FAILURE IN THE MARSUPIAL MOUSE *ANTECHINUS STUARTII* MACLEAY (DASYURIDAE: MARSUPIALIA). *Aust. J. Zool.* 31(4):445-466. 1983. WR 192
[Dep. Anat., Monash Univ., Clayton, Victoria 3168, Australia]

84-000329 Pearson, J. C.; J. R. Norris; M. R. Coccia and B. L. Mann. A GOLGI STUDY OF THE OPOSSUM VENTRAL BASAL COMPLEX. *J. Morphol.* 177(3):277-299. Sept. 1983. WR 192
[Dep. Anat., School Med., Wright State Univ., Dayton, OH 45435]

84-000330 Shaw, G. EFFECT OF PGF-2α ON UTERINE ACTIVITY, AND CONCENTRATIONS OF 13,14-DIHYDRO-15-KETO-PGF-2α IN PERIPHERAL PLASMA DURING PARTURITION IN THE TAMMAR WALLABY (*MACROPUS EUGENII*). *J. Reprod. Fert.* 69(2):429-436. Nov. 1983. WR 192
[Anat. Dep., Monash Univ., Clayton, Victoria, Australia 3168]

84-000331 Smith, Anthony M. A. THE SUBSPECIFIC BIOCHEMICAL TAXONOMY OF *ANTECHINUS MINIMUS*, *A. SWAINSONII* AND *SMINTHOPSIS LEUCOPUS* (MARSUPIALIA: DASYURIDAE). *Aust. J. Zool.* 31(5):753-762. 1983. WR 192
[Dep. Popul. Biol., Res. School Biol. Sci., Australian Natl. Univ., P.O. Box 475, Canberra, A.C.T. 2601, Australia]

84-000332 Smith, Jeffery L.; Dwight D. Bowman and M. D. Little. LIFE CYCLE AND DEVELOPMENT OF *LAGOCHILASCARIS SPRENTI* (NEMATODA: ASCARIDIDAE) FROM OPOSSUMS (MARUSPIALIA: DIDELPHIDAE) IN LOUISIANA. *J. Parasitol.*

MARSUPIALS (CONTINUED)

84-000332 CONTINUED 69(4):736-745. Aug. 1983. WR 192
[Dep. Biol., St. Mary's Dominican Coll., New Orleans, LA 70118] *Didelphis virginiana*.

84-000333 Speare, Richard. COMPARATIVE MORPHOLOGY OF THE EGGS OF THE PARAMPHISTOMID TREMATODES OF THE AGILE WALLABY, *MACROPUS AGILIS* (GOULD, 1842). *J. Wildl. Dis.* 19(4):368-370. Oct. 1983. WR 192
[Dep. Trop. Vet. Sci., James Cook Univ., North Queensland, Townsville, Queensland, Australia 4811]

84-000334 Torres, C. N.; H. P. Godinho and A. B. M. Machado. SEASONAL VARIATION IN SPERMATOGENESIS IN THE NINE-BANDED ARMADILLO (*DASYPUS NOVEMCINCTUS*) FROM SOUTHEASTERN BRAZIL. *Anim. Reprod. Sci.* 6(2):135-141. Oct. 1983. WR 192
[Dep. Morphol., Inst. Biol. Sci., Federal Univ. Minas Gerais, Belo Horizonte, Brazil]

84-000335 Tulsi, R. S. NEURAL ELEMENTS ASSOCIATED WITH THE SUBCOMMISSURAL ORGAN OF THE BRUSH-TAILED POSSUM (*TRICHOSURUS VULPECULA*). *Cell Tissue Res.* 234(2):335-350. 1983. WR 192
[Dep. Anat. & Histol., Univ. Adelaide, Adelaide, South Australia 5001, Australia]

84-000336 Walker, M. T. and R. T. Gemmell. ORGANOGENESIS OF THE PITUITARY, ADRENAL, AND LUNG AT BIRTH IN THE WALLABY, *MACROPUS RUFOGRISEUS*. *Am. J. Anat.* 168(3):331-344. Nov. 1983. WR 192
[Dep. Anat., Univ. Queensland, St. Lucia, Queensland 4067, Australia]

MOLES, SHREWS, AND OTHER INSECTIVORES

84-000337 Bauerová, Zdeňka. PŘÍSPĚVEK K POZNÁNÍ POTRAVY REJSKŮ (SORICIDAE) VE SMRKOVÝCH MONOKULTURÁCH. [CONTRIBUTION TO THE KNOWLEDGE OF THE FOODS EATEN BY SHREWS (SORICIDAE) IN SPRUCE MONOCULTURES.] *Vertebr. Zprávy* 1982:50-52. 1982. In Czech with English summ. WR 192
*Sorex araneus* and *S. minutus* in Czechoslovakia.

84-000338 Dippenaar, N. J. AFROTROPICAL *CROCIDURA*: A REVISION OF THE *LUNA-FUMOSA* COMPLEX. *Afr. Small Mammal Newsl. Spec.* No. 4. p. 4. July 1981. Abstract only. WR 192
[Transvaal Mus., P.O. Box 413, Pretoria 0001, South Africa]

84-000339 Girod, C.; M. Lhéritier; J. Trouillas and M. P. Dubois. CELL TYPES OF THE PARS DISTALIS OF THE HEDGEHOG (*ERINACEUS EUROPAEUS* L.) ADENOHYPOPHYSIS: CYTOLOGICAL, IMMUNOCYTOCHEMICAL AND ULTRASTRUCTURAL STUDIES. 2. PROLACTIN CELLS. *Acta Anat.* 117(2):102-111. Oct. 1983. WR 192
[Lab. Histol.-Embryol., Fac. Méd. Alexis Carrel, Rue Guillaume Paradin, F-69372 Lyon Cédex, France]

MOLES, SHREWS, AND OTHER INSECTIVORES (CONTINUED)

84-000340 Grosshans, Werner. ZUR NAHRUNG DES IGELS (*ERINACEUS EUROPAEUS* L. 1758). UNTERSUCHUNGEN VON MAGEN-DARMINHALTEN SCHLESWIG-HOLSTEINISCHER IGEL. [ON THE FOOD OF THE HEDGEHOG (*ERINACEUS EUROPAEUS* L. 1758). STUDIES OF STOMACH CONTENTS OF HEDGEHOGS FROM SCHLESWIG-HOLSTEIN.] *Zool. Anz.* 211(5/6):364-384. 1983. In German with English summ. WR 192
[Hussenstr. 43, D-7750 Konstanz, West Germany]

84-000341 Huber, Pauline M.; Gerald D. Schmidt and Robert E. Kuntz. *ASCAROPS TALPA* SP. N. (NEMATODA: SPIROCERCIDAE) FROM THE FORMOSAN MOLE, *TALPA MICRURA INSULARIS*, IN TAIWAN. *J. Parasitol.* 69(4):761-763. Aug. 1983. WR 192
[Dep. Biol. Sci., Univ. Northern Colo., Greeley 80639]

84-000342 Hutterer, R. *CROCIDURA GRANDICEPS*, EINE NEUE SPITZMAUS AUS WESTAFRIKA. [*CROCIDURA GRANDICEPS*, A NEW SHREW FROM WEST AFRICA.] *Rev. Suisse Zool.* 90(3):699-707. Sept. 1983. In German with English summ. WR 192
[Zool. Forschungsinst. & Mus. A. Koenig, Adenauerallee 150-164, D-5300 Bonn 1, West Germany]

84-000343 Hutterer, R. STATUS OF SOME AFRICAN *CROCIDURA* DESCRIBED BY ISIDORE GEOFFROY-SAINT HILAIRE, CARL J. SUNDEVALL AND THEODOR VON HEUGLIN. *Afr. Small Mammal Newsl. Spec.* No. 4. p. 3. July 1981. Abstract only. WR 192
[Zool. Forschungsinst. Mus. Alexander Koenig, Adenauerallee 150-164, D-5300 Bonn 1, West Germany]

84-000344 Koontz, Fred W. and Nancy J. Roeper. *ELEPHANTULUS RUFESCENS*. *Am. Soc. Mammal. Mammal. Species* No. 204. p. 1-5. 15 Dec. 1983. WR 192
[Dep. Zool. Res., Natl. Zool. Park, Smithsonian Inst., Washington, DC 20008]

84-000345 Martin, Irwin G. DAILY ACTIVITY OF SHORT-TAILED SHREWS (*BLARINA BREVICAUDA*) IN SIMULATED NATURAL CONDITIONS. *Am. Midl. Nat.* 109(1):136-144. Jan. 1983. WR 192
[Monell Chem. Senses Cent., 3500 Market St., Philadelphia, PA 19104]

84-000346 Meritt, Dennis A., Jr. HUSBANDRY, REPRODUCTION AND BEHAVIOUR OF THE WEST AFRICAN HEDGEHOG *ERINACEUS ALBIVENTRIS* AT THE LINCOLN PARK ZOO. *Int. Zoo Yearb.* 21:128-131. 1981. WR 192
[Lincoln Park Zool. Gardens, Chicago, IL 60614]

84-000347 Nicoll, Martin E. MECHANISMS OF LARGE LITTER PRODUCTION IN *TENREC ECAUDATUS*. *Afr. Small Mammal Newsl. Spec.* No. 4. p. 5. July 1981. Abstract only. WR 192
[Dep. Zool., Univ. Aberdeen, Aberdeen, Scotland]

84-000348 O'Keeffe, D. A. and J. S. Fairley. TWO POPULATION STUDIES OF IRISH PYGMY SHREWS. *Irish Nat. J.* 20(7):269-275. 1981. From Ecol. Abstr. 1982/6:82L/8510. 1982. WR 192
*Sorex minutus*.

MOLES, SHREWS, AND OTHER INSECTIVORES (CONTINUED)

84-000349 Owen, James G. and Robert S. Hoffmann. *SOREX ORNATUS*. *Am. Soc. Mammal. Mammal. Species* No. 212. p. 1-5. 15 Dec. 1983. WR 192
[Dep. Wildl. & Fish. Sci., Tex. A&M Univ., College Station 77843]

84-000350 Palmeirim, Jorge M. and Robert S. Hoffmann. *GALEMYS PYRENAICUS*. *Am. Soc. Mammal. Mammal. Species* No. 207. p. 1-5. 15 Dec. 1983. WR 192
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045]

84-000351 Poduschka, Walter. PAARUNGSAPPETENZ BEI GATTUNGSVERSCHIEDENEN IGELN: *ERINACEUS EUROPAEUS EUROPAEUS* LINNÉ, 1758 UND *HEMIECHINUS AURITUS SYRIACUS* WOOD, 1876. [MATING BEHAVIOR OF DIFFERENT INSECTIVORE SPECIES: *ERINACEUS EUROPAEUS EUROPAEUS* AND *HEMIECHINUS AURITUS SYRIACUS*.] *Säugetierkd. Mitt.* 29(2):72-79. 1981. In German with English summ. WR 192

84-000352 Rathbun, Galen B.; Peter Beaman and Eugene Maliniak. CAPTURE, HUSBANDRY AND BREEDING OF RUFOUS ELEPHANT-SHREWS *ELEPHANTULUS RUFESCENS*. *Int. Zoo Yearb.* 21:176-184. 1981. WR 192
[Natl. Fish & Wildl. Lab., 412 N.E. 16th Ave., Rm 250, Gainesville, FL 32601]

84-000353 Skarén, Uolevi. FEEDING BEHAVIOR, COPROPHAGY AND PASSAGE OF FOOD STUFFS IN A CAPTIVE LEAST SHREW. *Acta Theriol.* 23(6):131-140. 1978. In English. WR 192
*Sorex minutissimus*.

84-000354 Swanepoel, Pierre and N. J. Dippenaar. REVISION OF THE GENUS *CHRYSOSPALAX* (MAMMALIA: CHRYSOCHLORIDAE). *Afr. Small Mammal Newsl. Spec.* No. 4. p. 6. July 1981. Abstract only. WR 192
[Kaffrarian Mus., 5600 King Williams Town, South Africa]

84-000355 Tohme, Henriette and Georges Tohme. QUELQUES NOUVELLES DONNÉES SUR LE STATUT ACTUEL DES MUSARAIGNES AU LIBAN (INSECTIVORA: SORICIDAE). [SOME NEW DATA ON THE RECENT STATUS OF SHREWS IN LEBANON (INSECTIVORA: SORICIDAE).] *Mammalia* 47(3):353-357. 1983. In French with English summ. WR 192
[Fac. Sci., Univ. Libanaise, Beirut, Lebanon]

84-000356 White, Thomas D. ELECTROMYOGRAPHY AND EPIPUBIC BONE FUNCTION IN THE BRUSH-TAIL POSSUM, *TRICHOSURUS VULPECULA*. *Am. Zool.* 23(4):891. 1983. Abstract only. WR 192
[Univ. Calif., Los Angeles]

84-000357 Zima, Jan. THE KARYOTYPE OF *TALPA EUROPAEA KRATOCHVÍLI* (TALPIDAE, INSECTIVORA). *Folia Zool.* 32(2):131-136. 1983. In English with Russian summ. WR 192
[Inst. Vertebr. Zool., ČSAV, Květná 8, 603 65 Brno, Czechoslovakia]

BATS

84-000358 Advani, Ranjan. SOME OBSERVATIONS ON THE FEEDING BEHAVIOUR OF THE INDIAN PYGMY PIPISTRELLE, *PIPISTRELLUS MINUS MINUS* WROUGHTON, 1899 (MAMMALIA: CHIROPTERA: VESPERTILIONIDAE) IN RAJASTHAN DESERT. *Säugetierkd. Mitt.* 29(4):10-12. 1981. In English. WR 192
[Central Arid Zone Res. Inst., Jodhpur - 342003, India]

84-000359 Advani, Ranjan. FEEDING BEHAVIOUR OF *TAPHOZOUS PERFORATUS* (CHIROPTERA) IN THE WESTERN BIOME OF THE INDIAN DESERT. *Zool. Anz.* 211(3/4):234-236. 1983. In English. WR 192
[Central Plantation Crops Res. Inst., Kasaragod, 670 124 Kerala, India]

84-000360 Advani, Ranjan. FEEDING ECOLOGY AND BEHAVIOUR OF THE DORMER'S BAT, *PIPISTRELLUS DORMERI DORMERI* (DOBSON, 1875), IN THE INDIAN DESERT. *Säugetierkd. Mitt.* 29(4):56-58. 1981. In English. WR 192
[Central Arid Zone Res. Inst., Jodhpur - 342003, India]

84-000361 Altes, Richard A. SPECTROGRAM PROCESSING IN ECHOLOCATION. *J. Acoust. Soc. Am.* 74(suppl. 1):S33. 1983. Abstract only. WR 192
[ORINCON Corp., 3366 N. Torrey Pines Ct., La Jolla, CA 92037]

84-000362 Anciaux de Faveaux, Michel. BREEDING CYCLES IN SOME PHYTOPHILE CHIROPTERA IN SHABA (ZAIRE) AND RWANDA. *Afr. Small Mammal Newsl. Spec.* No. 4. p. 10-11. July 1981. Abstract only. WR 192

84-000363 Bell, G. P. and M. B. Fenton. ECHOLOCATION AND FORAGING BEHAVIOR OF *HIPPOSIDEROS RUBER* (CHIROPTERA). *J. Acoust. Soc. Am.* 74(suppl. 1):S32. 1983. Abstract only. WR 192
[Dep. Biol., Carleton Univ., Ottawa, Ontario, Canada K1S 5B6]

84-000364 Brown, Patricia E. and Robert D. Berry. ECHOLOCATION BEHAVIOR IN A "FLYCATCHER" BAT. *HIPPOSIDEROS DIADEMA. J. Acoust. Soc. Am.* 74(suppl. 1):S32. 1983. Abstract only. WR 192
[Dep. Biol., Univ. Calif., Los Angeles 90024]

84-000365 Brown, Patricia E.; Timothy W. Brown and Alan D. Grinnell. ECHOLOCATION, DEVELOPMENT, AND VOCAL COMMUNICATION IN THE LESSER BULLDOG BAT, *NOCTILIO ALBIVENTRIS. Behav. Ecol. Sociobiol.* 13(4):287-298. 1983. WR 192
[Dep. Biol., Univ. Calif., Los Angeles 90024]

84-000366 Chase, Julia. DIFFERENTIAL RESPONSES TO VISUAL AND ACOUSTIC CUES DURING ESCAPE IN THE BAT *ANOURA GEOFFROYI*: CUE PREFERENCES AND BEHAVIOUR. *Anim. Behav.* 31(2):526-531. May 1983. WR 192
[Dep. Biol. Sci., Barnard Coll., Columbia Univ., New York, NY 10027]

84-000367 Czaplewski, Nicholas J. *IDIONYCTERIS PHYLLOTIS. Am. Soc. Mammal. Mammal. Species* No. 208. p. 1-4. 15 Dec. 1983. WR 192
[Dep. Biol. Sci., Box 5640, North. Ariz. Univ., Flagstaff 86011]

BATS (CONTINUED)

84-000368 Eleder, Pavel. NOVÝ NÁLEZ NETOPÝRA TMAVÉHO (*VESPERTILIO MURINUS*) NA ČESKOMORAVSKÉ VRCHOVINĚ. [A NEW FINDING OF *VESPERTILIO MURINUS* IN THE ČESKOMORAVSKÁ VRCHOVINA HIGHLAND.] *Vertebr. Zprávy* 1982:73. 1982. In Czech. WR 192

84-000369 Fenton, M. B. ROOSTS USED BY THE AFRICAN BAT, *SCOTOPHILUS LEUCOGASTER* (CHIROPTERA: VESPERTILIONIDAE). *Biotropica* 15(2):129-132. June 1983. WR 192
[Dep. Biol., Carleton Univ., Ottawa, Ontario, Canada K1S 5B6]

84-000370 Fenton, M. B.; C. L. Gaudet and M. L. Leonard. FEEDING BEHAVIOUR OF THE BATS *NYCTERIS GRANDIS* AND *NYCTERIS THEBAICA* (NYCTERIDAE) IN CAPTIVITY. *J. Zool. (Lond.)* 200(3):347-354. July 1983. WR 192
[Dep. Biol., Carleton Univ., Ottawa, Ontario, Canada K1S 5B6]

84-000371 Fonda, Margaret L.; George H. Herbener and Robert W. Cuddihee. BIOCHEMICAL AND MORPHOMETRIC STUDIES OF HEART, LIVER AND SKELETAL MUSCLE FROM THE HIBERNATING, AROUSING AND AROUSED BIG BROWN BAT, *EPTESICUS FUSCUS*. *Comp. Biochem. Physiol. B Comp. Biochem.* 76(2):355-363. 1983. WR 192
[Dep. Biochem., School Med., Health Sci. Cent., Univ. Louisville, Louisville, KY 40292]

84-000372 Fullard, James H. and Jacqueline J. Bellwood. INCREASED LOW-FREQUENCY SENSITIVITY IN THE EARS OF KAUAI MOTHS: RESPONSE TO THE ACOUSTIC SIGNALS OF THE HAWAIIAN HOARY BAT. *J. Acoust. Soc. Am.* 74(suppl. 1):S32-S33. 1983. Abstract only. WR 192
[Dep. Zool., Erindale Coll., Univ. Toronto, Mississauga, Ontario, Canada L5L 1C6] *Lasiurus cinereus semotus*.

84-000373 Gaisler, J. NOUVELLES DONNÉES SUR LES CHIROPTÈRES DU NORD ALGÉRIEN. [NEW DATA ON THE CHIROPTERA OF NORTHERN ALGERIA.] *Mammalia* 47(3):359-369. 1983. In French with English summ. WR 192
[Dep. Biol. Anim., Univ. J.E.-Purkyne, Kotlarska 2, 61137, Brno, Czechoslovakia]

84-000374 Graham, Gary L. CHANGES IN BAT SPECIES DIVERSITY ALONG AN ELEVATIONAL GRADIENT UP THE PERUVIAN ANDES. *J. Mammal.* 64(4):559-571. 25 Nov. 1983. WR 192
[Dep. Biol., Univ. N.M., Albuquerque 87131]

84-000375 Griffiths, Thomas A. COMPARATIVE LARYNGEAL ANATOMY OF THE BIG BROWN BAT, *EPTESICUS FUSCUS*, AND THE MUSTACHED BAT, *PTERONOTUS PARNELLII*. *Mammalia* 47(3):377-394. 1983. In English with French summ. WR 192
[Dep. Biol., Ill. Wesleyan Univ., Bloomington 61701]

84-000376 Herd, Robert M. A SIMPLE ANTIBODY TEST FOR FIELD IDENTIFICATION OF MORPHOLOGICALLY SIMILAR MAMMALS. *J. Mammal.* 64(4):700-701. 25 Nov. 1983. WR 192

BATS (CONTINUED)

84-000376 CONTINUED
[Dep. Biol., Carleton Univ., Ottawa, Ontario, Canada K1S 5B6] *Myotis lucifugus* and *M. yumanensis*.

84-000377 Herd, Robert M. *PTERONOTUS PARNELLII*. *Am. Soc. Mammal. Mammal. Species* No. 209. p. 1-5. 15 Dec. 1983. WR 192
[Dep. Biol., Carleton Univ., Ottawa, Ontario, Canada K1S 5B6]

84-000378 Hermanson, John W. and Thomas J. O'Shea. *ANTROZOUS PALLIDUS*. *Am. Soc. Mammal. Mammal. Species* No. 213. p. 1-8. 15 Dec. 1983. WR 192
[Dep. Zool., Univ. Fla., Gainesville 32611]

84-000379 Hill, J. E. BATS (MAMMALIA: CHIROPTERA) FROM INDO-AUSTRALIA. *Bull. Br. Mus. (Nat. Hist.) Zool. Ser.* 45(3):103-208. 25 Aug. 1983. WR 192
[Dep. Zool., British Mus. (Nat. Hist.), Cromwell Rd., London SW7 5BD, England]

84-000380 Holroyd, Geoffrey L. A BRIEF SURVEY OF THE BATS OF ELK ISLAND NATIONAL PARK. *Blue Jay* 41(4):217-222. Dec. 1983. WR 192
[Canadian Wildl. Serv., No. 1000, 9942-108 St., Edmonton, Alberta, Canada T5K 2J5] Data for 5 spp.

84-000381 Jen, Philip H.-S.; Tsutomu Kamada and Xinde Sun. RESPONSES OF CEREBELLAR UNITS IN FM AND CF-FM BATS TO ACOUSTIC STIMULI. *J. Acoust. Soc. Am.* 74(suppl. 1):S33. 1983. Abstract only. WR 192
[Div. Biol. Sci., Univ. Mo., Columbia 65211] *Myotis lucifugus*, *Eptesicus fuscus*, *Pteronotus parnellii parnellii*, and *P. p. rubiginosus*.

84-000382 Koopman, K. F. A PROGRESS REPORT ON THE SYSTEMATICS OF AFRICAN *SCOTOPHILUS* (CHIROPTERA, VESPERTILIONIDAE). *Afr. Small Mammal Newsl. Spec.* No. 4. p. 8. July 1981. Abstract only. WR 192
[Dep. Mammal., Am. Mus. Nat. Hist., New York, NY 10024]

84-000383 Kunz, Thomas H.; Peter V. August and Christopher D. Burnett. HAREM SOCIAL ORGANIZATION IN CAVE ROOSTING *ARTIBEUS JAMAICENSIS* (CHIROPTERA: PHYLLOSTOMIDAE). *Biotropica* 15(2):133-138. June 1983. WR 192
[Dep. Biol., Boston Univ., Boston, MA 02215]

84-000384 Laskowski, Michael B. and Louis S. D'Agrosa. THE ULTRASTRUCTURE OF THE SINU-ATRIAL NODE OF THE BAT. *Acta Anat.* 117(2):85-101. Oct. 1983. WR 192
[Dep. Physiol., St. Louis Univ. School Med., 1482 S. Grand Blvd., St. Louis, MO 63104] *Pipistrellus subflavus*.

84-000385 Libois, R. M. DÉCOUVERTE RÉCENTE DE *NYCTALUS LEISLERI* EN CORSE. [RECENT DISCOVERY OF *NYCTALUS LEISLERI* IN CORSICA.] *Mammalia* 47(3):425-426. 1983. In French. WR 192
[Lab. Ethol., U. Lg., quai van Beneden, 22 B-4020 Liège, Belgium]

BATS (CONTINUED)

84-000386 Masing, M. NÕUANDEID NAHKHIIRTE RÕNGASTAJAILE. [SOME ADVICE TO BAT RINGERS.] *Loodusevaatlusi* 1980(1):115-119. 1982. In Estonian with Russian and English summ. WR 192

84-000387 Masing, M.; P. Keppart and V. Keppart. NAHKHIIRTE TALVITUMISEST PÕHJA-EESTIS. [ON THE HIBERNATION OF BATS IN NORTH ESTONIA.] *Loodusevaatlusi* 1980(1):99-115. 1982. In Estonian with Russian and English summ. WR 192

84-000388 Masters, W. Mitch and James A. Simmons. A NEW METHOD FOR MEASURING HEAD AIM IN ECHOLOCATING BATS. *J. Acoust. Soc. Am.* 74(suppl. 1):S33. 1983. Abstract only. WR 192
[Inst. Neurosci., Univ. Oreg., Eugene 97403]

84-000389 Meirte, D. NEW DATA ON *CASINYCTERIS ARGYNNIS* THOMAS, 1910 (MEGACHIROPTERA - PTEROPIDAE). *Afr. Small Mammal Newsl. Spec.* No. 4. p. 40. July 1981. Abstract only. WR 192
[Mus. Midden Afr., Afdeling Vertebraten, B-1980 Tervuren, Belgium]

84-000390 Ogen-Odoi, A. A. THE INFLUENCE OF SEASONALITY OF FOOD AND RAINFALL ON SOME ASPECTS OF THE ECOLOGY OF BATS ON ENTEBBE PENINSULAR, UGANDA. *Afr. Small Mammal Newsl. Spec.* No. 4. p. 13. July 1981. Abstract only. WR 192
[Virus Res. Inst., Entebbe, Uganda]

84-000391 Qumsiyeh, Mazin B. OCCURRENCE AND ZOOGEOGRAPHICAL IMPLICATIONS OF *MYOTIS BLYTHI* (TOMES, 1857) IN LIBYA. *Mammalia* 47(3):429-430. 1983. In English. WR 192
[Dep. Biol. Sci. & Mus., Tex. Tech Univ., Lubbock 79409]

84-000392 Reduker, David W.; Terry L. Yates and Ira F. Greenbaum. EVOLUTIONARY AFFINITIES AMONG SOUTHWESTERN LONG-EARED *MYOTIS* (CHIROPTERA: VESPERTILIONIDAE). *J. Mammal.* 64(4):666-677. 25 Nov. 1983. WR 192
[Mus. Southwestern Biol., Dep. Biol., Univ. N.M., Albuquerque 87131] *M. auriculus*, *M. evotis*, *M. milleri*, *M. thysanodes*, and *M. yumanensis*.

84-000393 Robbins, C. Brian. A NEW HIGH FOREST SPECIES OF THE BAT GENUS *SCOTOPHILUS* (MAMMALIA: VESPERTILIONIDAE). *Afr. Small Mammal Newsl. Spec.* No. 4. p. 9. July 1981. Abstract only. WR 192
[Smithsonian Inst., Div. Mammals, Natl. Mus. Nat. Hist., Washington, DC 20560]

84-000394 Robbins, C. Brian and Frits De Vree. SYSTEMATIC REVISION OF AFRICAN *SCOTOPHILUS* (CHIROPTERA, VESPERTILIONIDAE). *Afr. Small Mammal Newsl. Spec.* No. 4. p. 41. July 1981. Abstract only. WR 192
[Smithsonian Inst., Div. Mammals, Natl. Mus. Nat. Hist., Washington, DC 20560]

BATS (CONTINUED)

84-000395 Robbins, L. W.; M. W. Haiduk and D. A. Schlitter. CHROMOSOMAL BANDING STUDIES AND THEIR SYSTEMATIC IMPLICATIONS IN AFRICAN FRUIT BATS (CHIROPTERA: PTEROPODIDAE). *Afr. Small Mammal Newsl. Spec.* No. 4. p. 7. July 1981. Abstract only. WR 192

84-000396 Ryan, Michael J. and Merlin D. Tuttle. THE ABILITY OF THE FROG-EATING BAT TO DISCRIMINATE AMONG NOVEL AND POTENTIALLY POISONOUS FROG SPECIES USING ACOUSTIC CUES. *Anim. Behav.* 31(3):827-833. Aug. 1983. WR 192
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720] *Trachops cirrhosus.*

84-000397 Rzebik-Kowalska, Barbara; Bronisław W. Wołoszyn and Adam Nadachowski. A NEW BAT, *MYOTIS NATTERERI* (KUHL, 1818) (VESPERTILIONIDAE), IN THE FAUNA OF IRAQ. *Acta Theriol.* 23(37):541-550. 1978. In English. WR 192

84-000398 Schnitzler, Hans-Ulrich. FLUTTERING TARGET DETECTION IN HORSESHOE BATS. *J. Acoust. Soc. Am.* 74(suppl. 1):S31-S32. 1983. Abstract only. WR 192
[Lehrstuhl Zoophysiol., Eberhard-Karls-Univ., D-7400 Tübingen, West Germany]

84-000399 Suga, Nobuo. NEURAL REPRESENTATION OF BISONAR INFORMATION IN THE AUDITORY CORTEX OF THE MUSTACHED BAT. *J. Acoust. Soc. Am.* 74(suppl. 1):S31. 1983. Abstract only. WR 192
[Dep. Biol., Washington Univ., St. Louis, MO 63130] *Pteronotus parnellii rubiginosus.*

84-000400 Swanepoel, Pierre and Hugh H. Genoways. *BRACHYPHYLLA NANA. Am. Soc. Mammal. Mammal. Species* No. 206. p. 1-3. 15 Dec. 1983. WR 192
[Kaffrarian Mus., King William's Town, 5600 South Africa]

84-000401 Swanepoel, Pierre and Hugh H. Genoways. *BRACHYPHYLLA CAVERNARUM. Am. Soc. Mammal. Mammal. Species* No. 205. p. 1-6. 15 Dec. 1983. WR 192
[Kaffrarian Mus., King William's Town, 5600 South Africa]

84-000402 Thomas, D. W. PROTEIN AND ENERGY INTAKE IN FRUGIVORES: WHY DO FRUITS HAVE LITTLE PROTEIN? *Afr. Small Mammal Newsl. Spec.* No. 4. p. 14. July 1981. Abstract only. WR 192
[Dep. Zool., Univ. Aberdeen, Aberdeen, Scotland]

84-000403 Thomas, D. W. THE ROLE OF FRUIT BATS IN SEED DISPERSAL AND REGENERATION IN A SOUTHERN GUINEA SAVANNA. *Afr. Small Mammal Newsl. Spec.* No. 4. p. 12. July 1981. Abstract only. WR 192
[Dep. Zool., Univ. Aberdeen, Aberdeen, Scotland]

84-000404 Tuttle, Merlin D. and Stephen J. Kern. BATS AND PUBLIC HEALTH. *Milw. Public Mus. Contrib. Biol. Geol.* No. 48. 11p. 28 Dec. 1981. WR 192

BATS (CONTINUED)

84-000405 Tyler, Jack D. and Charles M. Scott. STATUS AND DISTRIBUTION OF *LASIURUS CINEREUS* (CHIROPTERA: VESPERTILIONIDAE) IN OKLAHOMA. *Proc. Okla. Acad. Sci.* 62:91-92. 1982. WR 192
[Dep. Biol. Sci., Cameron Univ., Lawton, OK 73505]

84-000406 Yacoe, Marshall E. ADJUSTMENTS OF METABOLIC PATHWAYS IN THE PECTORALIS MUSCLES OF THE BAT, *EPTESICUS FUSCUS*, RELATED TO CARBOHYDRATE SPARING DURING HIBERNATION. *Physiol. Zool.* 56(4):648-658. Oct. 1983. WR 192
[Marine Biol. Div., A-002, Scripps Inst. Oceanogr., Univ. Calif., La Jolla 92093]

84-000407 Yoon, Myung Hee and Teru Aki Uchida. IDENTIFICATION OF RECENT BATS BELONGING TO THE VESPERTILIONIDAE BY THE HUMERAL CHARACTERS. *J. Fac. Agric. Kyushu Univ.* 28(1):31-50. Sept. 1983. WR 192
[Zool. Lab., Fac. Agric., Kyushu Univ., 4606 Fukuoka, 812 Japan]

84-000408 Zava, Bruno and Eliodoro Catalano. PREMIÈRE DÉCOUVERTE DE *MINIOPTERUS SCHREIBERSI* (NATTERER IN KÜHL, 1819) (CHIROPTERA) DANS L'ÎLE DE LAMPEDUSE. [FIRST RECORD OF *MINIOPTERUS SCHREIBERSI* (NATTERER IN KÜHL, 1819) (CHIROPTERA) IN LAMPEDUSE ISLAND.] *Mammalia* 47(3):423-424. 1983. In French. WR 192
[Ist. Zool., Univ. Palermo, Via Archirafi 18, 90123 Palermo, Italy]

FURBEARERS

84-000409 Barrett, Reginald H. SMOKED ALUMINUM TRACK PLOTS FOR DETERMINING FURBEARER DISTRIBUTION AND RELATIVE ABUNDANCE. *Calif. Fish Game* 69(3):188-190. July 1983. WR 192
[Dep. For. & Resour. Manage., Univ. Calif., Berkeley 94720]

RABBITS AND PIKAS

84-000410 Brandt, C. A. DEN LOCATION BY AND REPRODUCTIVE SUCCESS OF PIKAS: A RESOURCE DEFENSE MATING SYSTEM. *Am. Zool.* 23(4):932. 1983. Abstract only. WR 192
[Duke Univ., Durham, NC] *Ochotona princeps* in Oregon.

84-000411 Bruch, David and Joseph A. Chapman. SOCIAL BEHAVIOR OF THE EASTERN COTTONTAIL, *SYLVILAGUS FLORIDANUS* (LAGOMORPHA: LEPORIDAE) IN A WOODLAND HABITAT, WITH DESCRIPTIONS OF NEW BEHAVIORS. *Proc. Pa. Acad. Sci.* 57(1):74-78. 1983. WR 192
[Cent. Environ. & Estuarine Studies, Univ. Md., Frostburg State Coll., Frostburg 21532]

84-000412 Bryant, John P.; Gregory D. Wieland; Paul B. Reichardt; Vince E. Lewis and Michael C. McCarthy. PINOSYLVIN METHYL ETHER DETERS SNOWSHOE HARE FEEDING ON GREEN ALDER. *Science* 222(4627):1023-1025. 2 Dec. 1983. WR 192
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Lepus americanus*.

RABBITS AND PIKAS (CONTINUED)

84-000413 Dechow, P. C.; P. Guelinckx; S. Riolo; D. S. Carlson and J. A. Faulkner. MAXIMUM ISOMETRIC FORCE IN THE MASTICATORY MUSCLES OF RABBITS. *Am. Zool.* 23(4):1008. 1983. Abstract only. WR 192
[Univ. Mich., Ann Arbor]

84-000414 Homolka, Miloslav. VÝZNAM HLAVNÍCH PLODIN V AGROCENÓZÁCH JIŽNÍ MORAVY PRO VÝŽIVU ZAJÍCE POLNÍHO. [IMPORTANCE OF MAJOR FIELDS CROPS IN THE AGROCOENOSES OF SOUTHERN MORAVIA FOR THE NUTRITION OF HARE.] *Vertebr. Zprávy* 1982:52-54. 1982. In Czech with English summ. WR 192
*Lepus europaeus* in Czechoslovakia.

84-000415 Ivins, Barbara L. and Andrew T. Smith. RESPONSES OF PIKAS (*OCHOTONA PRINCEPS*, LAGOMORPHA) TO NATURALLY OCCURRING TERRESTRIAL PREDATORS. *Behav. Ecol. Sociobiol.* 13(4):277-285. 1983. WR 192
[Dep. Psychol., Univ. Calif., Berkeley 94720] Predators included *Mustela frenata*, *M. erminea*, and *Martes americana*.

84-000416 Lindsay, N. B. D. A SECOND REPORT ON THE MANAGEMENT AND BREEDING OF THE VOLCANO RABBIT *ROMEROLAGUS DIAZI* AT THE JERSEY WILDLIFE PRESERVATION TRUST. *Dodo (J. Jersey Wildl. Preserv. Trust)* No. 19. p. 46-51. 1982. WR 192
[Jersey Wildl. Preserv. Trust, Les Augrès Manor, Trinity, Jersey, Channel Islands, United Kingdom]

84-000417 Meaney, Carron A. OLFACTORY COMMUNICATION IN PIKAS (*OCHOTONA PRINCEPS*). *Ph.D. dissertation, Univ. Colo. (Boulder)* 157p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):986. Oct. 1983. WR 192

84-000418 Pehrson, Åke. DIGESTIBILITY AND RETENSION OF FOOD COMPONENTS IN CAGED MOUNTAIN HARES *LEPUS TIMIDUS* DURING THE WINTER. *Holarctic Ecol.* 6(4):395-403. Oct. 1983. WR 192
[Grimsö Wildl. Res. Stn., S-770 31 Riddarhyttan, Sweden]

84-000419 Robinson, T. J. and N. J. Dippenaar. MULTIVARAITE MORPHOMETRICS AND SYSTEMATICS OF THE SOUTH AFRICAN LEPORIDAE. *Afr. Small Mammal Newsl. Spec.* No. 4. p. 34. July 1981. Abstract only. WR 192
[Mammal Res. Inst., Univ. Pretoria, Pretoria 0002, South Africa]

84-000420 Robinson, T. J. and J. D. Skinner. KARYOLOGY OF THE RIVERINE RABBIT, *BUNOLAGUS MONTICULARIS*, AND ITS TAXONOMIC IMPLICATIONS. *J. Mammal.* 64(4):678-681. 25 Nov. 1983. WR 192
[Mammal Res. Inst., Univ. Pretoria, Pretoria 0002, South Africa]

84-000421 Sadler, Kenneth C. COMMON RABBIT DISEASES & PARASITES. *Mo. Conserv.* 44(11):21-25. Nov. 1983. WR 192
*Sylvilagus floridanus*.

84-000422 Smith, E. Norbert and Edward W. Tobey. HEART-RATE RESPONSE TO FORCED AND VOLUNTARY DIVING IN SWAMP RABBITS *SYLVILAGUS AQUATICUS*. *Physiol. Zool.* 56(4):632-638. Oct. 1983. WR 192
[Hansen Res. Foundation, Rt. 5, Box 217, Weatherford, OK 73096]

RABBITS AND PIKAS (CONTINUED)

84-000423 Soveri, T. and M. Valtonen. ENDOPARASITES OF HARES (*LEPUS TIMIDUS* L. AND *L. EUROPAEUS* PALLAS) IN FINLAND. *J. Wildl. Dis.* 19(4):337-341. Oct. 1983. WR 192
[Dep. Med., Coll. Vet. Med., SF-00550 Helsinki 55, Finland]

84-000424 Teubner, V. A. and C. P. Black. THE FREQUENCY OF ATROPINESTERASE ACTIVITY IN TWO NATURAL POPULATIONS OF LAGOMORPHS: A CASE OF COEVOLUTION. *Am. Zool.* 23(4):944. 1983. Abstract only. WR 192
[Univ. Toledo, Toledo, OH] *Sylvilagus audubonii arizonae* and *S. floridanus.*

84-000425 West, E. W. ECOLOGICAL DETERMINANTS OF SOCIAL ORGANIZATION IN PIKAS. *Am. Zool.* 23(4):934. 1983. Abstract only. WR 192
*Ochotona princeps.*

RODENTS--GENERAL

84-000426 Baker, R. J.; B. F. Koop and M. W. Haiduk. RESOLVING SYSTEMATIC RELATIONSHIPS WITH G-BANDS: A STUDY OF FIVE GENERA OF SOUTH AMERICAN CRICETINE RODENTS. *Syst. Zool.* 32(4):403-416. Dec. 1983. WR 192
[Dep. Anat., Wayne State Univ., Detroit, MI 48201]

84-000427 Druzinsky, R. E. COMPARATIVE ANATOMY AND EMG OF THE MASTICATORY MUSCLES OF WOODCHUCKS AND MOUNTAIN BEAVERS. *Am. Zool.* 23(4):1008. 1983. Abstract only. WR 192
[Univ. Ill, Health Sci. Cent., Chicago] *Aplodontia rufa* and *Marmota monax.*

84-000428 Gano, K. A. and J. B. States. HABITAT REQUIREMENTS AND BURROWING DEPTHS OF RODENTS IN RELATION TO SHALLOW WASTE BURIAL SITES. *Battelle Pacific Northwest Labs.* PNL-4140. 27p. May 1982. From U.S. Government Reports 83(8):1462. 15 Apr. 1983. Available from NTIS as DE82016363. WR 192

84-000429 Hewitt, S.; R. V. Baudinette and J. F. Wheldrake. RENAL FUNCTION IN AUSTRALIAN NATIVE RODENTS. *Aust. J. Zool.* 31(4):483-489. 1983. WR 192
[Fisons Ltd., Phamaceutical Div., Res. & Dev. Lab., Bakewell Rd., Loughborough, Leicestershire LE11 00Y, England] Data for 6 spp.

84-000430 Hubert, B. and F. Adam. DYNAMIQUE DES POPULATIONS DE RONGEURS EN ZONE SAHELO-SOUDANIENNE AU SENEGAL: UNE HYPOTHÉSE SUR LES MÉCANISMES DE RÉGULATION. [POPULATION DYNAMICS OF RODENTS OF THE SOUTHERN SAHEL ZONE OF SENEGAL: AN HYPOTHESIS OF MECHANISM REGULATION.] *Afr. Small Mammal Newsl. Spec.* No. 4. p. 31. July 1981. French abstract only. WR 192
[Mus. Natl. Hist. Nat., rue de Buffon 55, 75005 Paris, France]

RODENTS--GENERAL (CONTINUED)

84-000431 Klevezal, Galina A. and Marek Gebczyński. DIURNAL RHYTHM OF THE SKELETON GROWTH OF SOME RODENT SPECIES. *Acta Theriol.* 23(36):527-539. 1978. In English with Polish summ. WR 192

84-000432 Nel, J. A. J. CHANGES IN POPULATION STRUCTURE OF KALAHARI RODENTS: 1970-1980. *Afr. Small Mammal Newsl. Spec.* No. 4. p. 28. July 1981. Abstract only. WR 192
[Mammal Res. Inst., Dep. Zool., Univ. Pretoria, Pretoria 0002, South Africa]

84-000433 Poczopko, Piotr; Roman Jusiak and Leokadia Tomaszewska. THE EFFECTS OF ACCLIMATION TO MODERATE AND ACUTE COLD IN RATS. *Acta Theriol.* 23(13):247-257. 1978. In English with Polish summ. WR 192

84-000434 Srivastava, A. K. and S. Ghatak. COMPARATIVE SUSCEPTIBILITY OF RODENTS TO *SETARIA CERVI* INFECTION. *Indian Vet. J.* 60(6):421-425. June 1983. WR 192
[Div. Biochem., Central Drug Res. Inst., Lucknow, India] *Mastomys natalensis* and *Rattus norvegicus* and hooded rat.

84-000435 Zejda, Jan. DROBNÍ SAVCI EKOSYSTÉMU LUŽNÍHO LESA A JEJICH POTRAVNÍ EKOLOGIE. [SMALL MAMMALS OF LOWLAND FOREST ECOSYSTEM AND THEIR FEEDING ECOLOGY.] *Vertebr. Zprávy* 1982:30-32. 1982. In Czech. WR 192

SCIURIDS

84-000436 Balfour, Dianne. INFANTICIDE IN THE COLUMBIAN GROUND SQUIRREL, *SPERMOPHILUS COLUMBIANUS*. *Anim. Behav.* 31(3):949-950. Aug. 1983. WR 192
[Dep. Zool., Univ. Guelph, Guelph, Ontario, Canada N1G 2W1]

84-000437 Bintz, Gary L. and Cynthia E. Strand. RADIOGLUCOSE METABOLISM BY RICHARDSON'S GROUND SQUIRRELS IN THE NATURAL ENVIRONMENT. *Physiol. Zool.* 56(4):639-647. Oct. 1983. WR 192
[Dep. Biol., Eastern Mont. Coll., Billings 59101] *Spermophilus richardsonii.*

84-000438 Carey, H. V. AGE-SPECIFIC PATTERNS OF FEEDING AND PREDATOR AVOIDANCE IN YELLOW-BELLIED MARMOTS. *Am. Zool.* 23(4):1019. 1983. Abstract only. WR 192
[Univ. Nev., Reno] *Marmota flaviventris.*

84-000439 Chesser, Ronald K. GENETIC VARIABILITY WITHIN AND AMONG POPULATIONS OF THE BLACK-TAILED PRAIRIE DOG. *Evolution* 37(2):320-331. Mar. 1983. WR 192
[Dep. Biol. Sci. & The Mus., Tex. Tech Univ., Lubbock 79409] *Cynomys ludovicianus.*

SCIURIDS (CONTINUED)

84-000440 Concannon, P.; B. Baldwin; J. Lawless; W. Hornbuckle and B. Tennant. CORPORA LUTEA OF PREGNANCY AND ELEVATED SERUM PROGESTERONE DURING PREGNANCY AND POSTPARTUM ANESTRUS IN WOODCHUCKS (*MARMOTA MONAX*). *Biol. Reprod.* 29(5):1128-1134. Dec. 1983. WR 192
[Dep. Physiol., Rm. D-124, Schurman Hall, N.Y. State Coll. Vet. Med., Cornell Univ., Ithaca 14853]

84-000441 Cothran, E. Gus. MORPHOLOGIC RELATIONSHIPS OF THE HYBRIDIZING GROUND SQUIRRELS *SPERMOPHILUS MEXICANUS* AND *S. TRIDECEMLINEATUS*. *J. Mammal.* 64(4):591-602. 25 Nov. 1983. WR 192
[Southwest Foundation Res. & Education, Box 28147, San Antonio, TX 78284]

84-000442 Derii, L. V. and M. B. Shtark. NATURE OF PROTEIN SYNTHESIS IN THE BRAINS OF HIBERNATING MAMMALS. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 269(1-6):211-213. Sept. 1983. Translated from Dokl. Akad. Nauk SSSR 269(4):1010-1013. Apr. 1983. WR 192
[Inst. Clinical & Exp. Med., Siberian Branch, Acad. Sci. USSR, Novosibirsk, USSR] *Citellus erythrogenys*.

84-000443 Detling, J. K. and E. L. Painter. DEFOLIATION RESPONSES OF WESTERN WHEATGRASS POPULATIONS WITH DIVERSE HISTORIES OF PRAIRIE DOG GRAZING. *Oecologia (Berl.)* 57(1-2):65-71. Mar. 1983. WR 192
[Nat. Resour. Ecol. Lab., Colo. State Univ., Fort Collins 80523] *Cynomys ludovicianus* in South Dakota.

84-000444 Elliott, Charles L. THE INFLUENCE OF SOIL MOISTURE ON BURROW PLACEMENT BY COLUMBIAN GROUND SQUIRRELS IN CENTRAL IDAHO. *Murrelet* 64(2):62-63. 1983. WR 192
[Agric. Exp. Stn., School Agric. & Land Resour. Manage., 301 O'Neill, Univ. Alaska, Fairbanks 99701] *Spermophilus columbianus*.

84-000445 Foltz, David W. and John L. Hoogland. GENETIC EVIDENCE OF OUTBREEDING IN THE BLACK-TAILED PRAIRIE DOG (*CYNOMYS LUDOVICIANUS*). *Evolution* 37(2):273-281. Mar. 1983. WR 192
[Dep. Biol., Dalhousie Univ., Halifax, Nova Scotia, Canada B3H 4J1]

84-000446 Frase, Barbara Ann. SPATIAL AND BEHAVIORAL FORAGING PATTERNS AND DIET SELECTIVITY IN THE SOCIAL YELLOW BELLIED MARMOT. *Ph.D. dissertation, Univ. Kans.* 82p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):1025. Oct. 1983. WR 192
*Marmota flaviventris* in Colorado.

84-000447 Harlow, H. J. and L. M. Walters. THE EFFECT OF PINEALECTOMY ON NON-SHIVERING THERMOGENESIS AND HIBERNATION OF THE WYOMING GROUND SQUIRREL, *SPERMOPHILUS ELEGANS*. *J. Thermal Biol.* 8(4):321-326. Oct. 1983. WR 192
[Dep. Zool. & Physiol., Univ. Wyo., Laramie 82071]

84-000448 Hench, John E.; Gordon L. Kirkland, Jr. and Henry W. Setzer. AGE CRITERIA FOR THE GRAY SQUIRREL (*SCIURUS CAROLINENSIS*). *Proc. Pa. Acad. Sci.* 57(1):118. 1983. Abstract only. WR 192
[Dep. Anim. Sci., Univ. Md., College Park 20742]

SCIURIDS (CONTINUED)

84-000449 Hench, John E.; Larry W. Douglass; Gordon L. Kirkland, Jr. and Henry W. Setzer. A FIELD METHOD OF AGE CLASSIFICATION FOR THE GRAY SQUIRREL. *Proc. Pa. Acad. Sci.* 57(1):118. 1983. Abstract only. WR 192
[Dep. Anim. Sci., Univ. Md., College Park 20742] *Sciurus carolinensis.*

84-000450 Hoogland, John L. NEPOTISM AND ALARM CALLING IN THE BLACK-TAILED PRAIRIE DOG (*CYNOMYS LUDOVICIANUS*). *Anim. Behav.* 31(2):427-479. May 1983. WR 192
[Dep. Biol., Princeton Univ., Princeton, NJ 08544]

84-000451 Hossler, Robert J. and Carl R. Pratt. A POPULATION SURVEY OF GRAY SQUIRRELS (*SCIURUS CAROLINESIS*) OF THE PENNSYLVANIA STATE UNIVERSITY, WILKES-BARRE CAMPUS. *Proc. Pa. Acad. Sci.* 57(1):118. 1983. Abstract only. WR 192
[Pa. State Univ., Wilkes-Barre 18708]

84-000452 Joy, Janet E. COLD TEMPERATURES DURING THE SPRING SYNCHRONIZE CIRCANNUAL CYCLES IN GROUND SQUIRRELS. *Am. Zool.* 23(4):940. 1983. Abstract only. WR 192
[Univ. Tex., Austin] *Spermophilus tridecemlineatus.*

84-000453 Krilowicz, B. L. CONSEQUENCES OF ELEVATED BLOOD KETONE CONCENTRATION WHICH ACCOMPANIES HIBERNATION IN *SPERMOPHILUS BELDINGI*. *Am. Zool.* 23(4):886. 1983. Abstract only. WR 192
[Univ. Calif., Riverside]

84-000454 Kulpa, Carole M. and Kent D. Hall. HIBERNATION INDUCTION TRIGGER SUBSTANCE FROM HIBERNATION RE-ENTERING ADULT FEMALE GROUND SQUIRRELS (*SPERMOPHILUS TRIDECEMLINEATUS*). *Bios* 54(4):237-245. 1983. WR 192
[Dep. Biol., Univ. Wis., Stevens Point 54481]

84-000455 Levenson, Howard. SYSTEMATIC RELATIONSHIPS AND SEXUAL SIZE DIMORPHISM IN THE HOLARCTIC CHIPMUNKS. *Ph.D. dissertation, Univ. Kans.* 211p. 1982. From Diss. Abstr. Int. B Sci. Eng. 44(4):1028. Oct. 1983. WR 192
*Tamias* spp.

84-000456 Lobkov, V. A. REPRODUCTION OF THE SPOTTED SUSLIK *CITELLUS SUSLICUS* GULD. IN THE ANTHROPOGENIC LANDSCAPE OF THE NORTHWESTERN BLACK SEA REGION. *Sov. J. Ecol. (Engl. Transl. Ékologiya)* 14(2):105-110. Nov. 1983. Translated from Ékologiya 1983(2):44-49. Mar.-Apr. 1983. WR 192
[I.I. Mechnikov Odessa State Univ., Odessa, USSR]

84-000457 Long, Kenneth O. and Steven K. Fisher. THE DISTRIBUTION OF PHOTORECEPTORS AND GANGLION CELLS IN THE CALIFORNIA GROUND SQUIRREL, *SPERMOPHILUS BEECHEYI*. *J. Comp. Neurol.* 221(3):329-340. 10 Dec. 1983. WR 192
[Fisher: Dep. Biol. Sci., Univ. Calif., Santa Barbara 93106]

84-000458 Matschke, G. H.; M. P. Marsh and D. L. Otis. EFFICACY OF ZINC PHOSPHIDE BROADCAST BAITING FOR CONTROLLING RICHARDSON'S GROUND SQUIRRELS ON RANGELAND. *J. Range Manage.* 36(4):504-506. July 1983. WR 192

SCIURIDS (CONTINUED)

84-000458 CONTINUED
[Denver Wildl. Res. Cent., Bldg. 16, Denver, CO 80225] *Spermophilus richardsonii* in Montana.

84-000459 Meier, Paul T. and Gerald Svendsen. ALTERNATIVE MATING STRATEGIES OF MALE WOODCHUCKS (*MARMOTA MONAX*). *Am. Zool.* 23(4):932. 1983. Abstract only. WR 192
[Ohio Univ., Athens]

84-000460 Meier, Paul T. RELATIVE BRAIN SIZE WITHIN THE NORTH AMERICAN SCIURIDAE. *J. Mammal.* 64(4):642-647. 25 Nov. 1983. WR 192
[Dep. Zool. & Microbiol., Ohio Univ., Athens 45701] Data for 33 spp.

84-000461 Michener, Gail R. SPRING EMERGENCE SCHEDULES AND VERNAL BEHAVIOR OF RICHARDSON'S GROUND SQUIRRELS: WHY DO MALES EMERGE FROM HIBERNATION BEFORE FEMALES? *Behav. Ecol. Sociobiol.* 14(1):29-38. 1983. WR 192
[Dep. Biol. Sci., Univ. Lethbridge, Lethbridge, Alberta, Canada T1K 3M4] *Spermophilus richardsonii richardsonii* in Canada.

84-000462 Rail, C. D. and D. E. Kidd. SELENIUM KIDNEY/LIVER RATIOS IN ROCK SQUIRREL POPULATIONS FROM GRASSLAND AND PINYON-JUNIPER ECOSYSTEMS. *Ecotoxicol. Environ. Safety* 6(1):2-8. 1982. From Ecol. Abstr. 1982/6:82L/8516. 1982. WR 192
*Spermophilus variegatus.*

84-000463 Sharples, F. E. HABITAT USE BY SYMPATRIC SPECIES OF *EUTAMIAS*. *J. Mammal.* 64(4):572-579. 25 Nov. 1983. WR 192
[Environ. Sci. Div., Oak Ridge Natl. Lab., Oak Ridge, TN 37830] *Eutamias amoenus, E. speciosus, E. senex* and *E. quadrimaculatus.*

84-000464 Sinnamon, W. B. and E. B. Pivorun. EFFECT OF PINEALECTOMY ON THE CIRCANNUAL BODY WEIGHT RHYTHM OF *SPERMOPHILUS TRIDECEMLINEATUS*. *Am. Zool.* 23(4):939. 1983. Abstract only. WR 192
[Central Wesleyan Coll., Central, SC]

84-000465 Tâcu, Domnica. RESTING METABOLIC RATE OF LACTATING AND DEVELOPING *CITELLUS CITELLUS*. *Acta Theriol.* 23(18):297-305. 1978. In English. WR 192

84-000466 Thompson, Wayne H. LOWER RATES OF ORAL TRANSMISSION OF LA CROSSE VIRUS BY *AEDES TRISERIATUS* VENEREALLY EXPOSED AFTER ENGORGEMENT ON IMMUNE CHIPMUNKS. *Am. J. Trop. Med. Hyg.* 32(6):1416-1421. Nov. 1983. WR 192
[Dep. Preventive Med., Univ. Wis., Madison 53706] *Tamias striatus.*

84-000467 Walro, Jon M.; Paul T. Meier and Gerald E. Svendsen. ANATOMY AND HISTOLOGY OF THE SCENT GLANDS ASSOCIATED WITH THE ORAL ANGLE IN WOODCHUCKS. *J. Mammal.* 64(4):701-703. 25 Nov. 1983. WR 192
[Dep. Zool. & Biomed. Sci., Ohio Univ., Athens 45701] *Marmota monax.*

SCIURIDS (CONTINUED)

84-000468 Webb, D. R. and R. R. Schnabel. FUNCTIONS OF FAT IN HIBERNATORS: THERMAL ASPECTS. *J. Thermal Biol.* 8(4):369-374. Oct. 1983. WR 192
[Dep. Biol., Indiana Univ., Bloomington 47405] *Marmota flaviventris.*

84-000469 Whitaker, John O., Jr.; E. Andrea Lyons; Martha A. Smith and Chris Maser. NEST INHABITANTS AND ECTOPARASITES OF NORTHERN FLYING SQUIRRELS, *GLAUCOMYS SABRINUS* (SHAW), FROM NORTHEASTERN OREGON. *Northwest Sci.* 57(4):291-295. Nov. 1983. WR 192
[Dep. Life Sci., Indiana State Univ., Terre Haute 47809]

BEAVER, MUSKRAT, AND NUTRIA

84-000470 Allen, Arthur W. HABITAT SUITABILITY INDEX MODELS: BEAVER. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 82/10.30. v + 20p. Apr. 1983. WR 192
[WELUT, U.S. Fish & Wildl. Serv., Drake Creekside Bldg. One, 2627 Redwing Rd., Fort Collins, CO 80526] *Castor canadensis* in North America.

84-000471 Apple, Larry L. THE USE OF BEAVERS IN RIPARIAN/AQUATIC HABITAT RESTORATION IN A COLD DESERT, GULLY-CUT STREAM SYSTEM: A CASE HISTORY. *Proc. Annu. Meeting Colo.-Wyo. Chapter Am. Fish. Soc.* 18:29-35. Mar. 1983. WR 192
[U.S. Bur. Land Manage., P.O. Box 1869, Rock Springs, WY 82901] *Castor canadensis* in Wyoming.

84-000472 Busher, Peter E. INTERRELATIONSHIPS BETWEEN BEHAVIORS IN A BEAVER, *CASTOR CANADENSIS*, POPULATION. *J. Tenn. Acad. Sci.* 58(3&4):50-53. July-Oct. 1983. WR 192
[Boston Univ., Sci. Div., Coll. Basic Studies, Boston, MA 02215]

84-000473 Doboszyńska, Teresa. HISTOMORPHOLOGY OF THE FEMALE REPRODUCTIVE SYSTEM OF THE EUROPEAN BEAVER. *Acta Theriol.* 23(5):99-125. 1978. In English with Polish summ. WR 192
*Castor fiber.*

84-000474 Doboszyńska, Teresa. CIRCUMANAL GLANDS IN THE EUROPEAN BEAVER. *Acta Theriol.* 23(18):301-305. 1978. In English. WR 192
*Castor fiber.*

84-000475 Galert, Danuta; Stanisław Szteyn and Janusz Dynowski. THE TOPOGRAPHY AND STRUCTURE OF MOTOR NUCLEI OF MEDULLA OBLONGATA IN THE BEAVER. *Acta Theriol.* 23(17):285-295. 1978. In English with Polish summ. WR 192
*Castor fiber.*

84-000476 Gosling, L. M. THE ADAPTIVE CONTROL OF OFFSPRING SEX RATIO BY FEMALE COYPUS (*MYOCASTOR COYPUS*). *Am. Zool.* 23(4):934. 1983. Abstract only. WR 192
[Coypu Res. Lab., Jupiter Rd., Norwich, NR6 6SP, England]

BEAVER, MUSKRAT, AND NUTRIA (CONTINUED)

84-000477 Lavrov, L. S. and V. L. Lavrov. [OSTEOLOGICAL DIFFERENCES BETWEEN THE EAST-EUROPEAN (*CASTOR FIBER ORIENTOEUROPAEUS*) AND CANADIAN (*C. CANADENSIS*) BEAVERS.] *Zool. Zh.* 62(9):1434-1436. Sept. 1983. In Russian with English summ. WR 192
[Voronezh State Reserve, USSR]

84-000478 Maleshin, N. A. [EVALUATION OF THE BEAVER HABITATS OF THE SOUTH-EAST OF WESTERN SIBERIA.] *Vestn. Mosk. Univ. Ser. Geogr.* 1:67-73. 1982. From Ecol. Abstr. 1982/6:82L/8517. 1982. In Russian. WR 192
*Castor fiber.*

84-000479 Munther, Greg L. INTEGRATION OF BEAVER INTO FOREST MANAGEMENT. *Proc. Annu. Meeting Colo.-Wyo. Chapter Am. Fish. Soc.* 18:73-80. Mar. 1983. WR 192
[134 River Pines Rd., Missoula, MT 59801] *Castor canadensis* in Montana.

84-000480 Parker, G. R. AN EVALUATION OF TRAP TYPES FOR HARVESTING MUSKRATS IN NEW BRUNSWICK. *Wildl. Soc. Bull.* 11(4):339-343. 1983. WR 192
[Canadian Wildl. Serv., Environ. Canada, Sackville, New Brunswick, Canada E0A 3C0] *Ondata zibethicus.*

84-000481 Wigley, T. Bently; Thomas H. Roberts and Dale H. Arner. REPRODUCTIVE CHARACTERISTICS OF BEAVER IN MISSISSIPPI. *J. Wildl. Manage.* 47(4):1172-1177. Oct. 1983. WR 192
[Dep. For. Resour., Univ. Arkansas, Monticello 71655] *Castor canadensis.*

84-000482 Woods, Lois. THE BEAVER AND THE ECOSYSTEM. *Trent Univ. Ecol. Dep. Biol. Bull.* 7(1):7-10. 1983. WR 192
*Castor Canadensis.*

RATS AND MICE

84-000483 Bekele, Afework. THE COMPARATIVE FUNCTIONAL MORPHOLOGY OF SOME HEAD MUSCLES OF THE RODENTS *TACHYORYCTES SPLENDENS* AND *RATTUS RATTUS*. I. *Mammalia* 47(3):395-419. 1983. In English with French summ. WR 192
[Zool. Dep., Univ. Manchester, Manchester, M13 9PL, England]

84-000484 Pegelman, S. G. [THE ROLE OF FAMILY GROUP IN INTRASPECIFIC RELATIONS OF SOME RODENTS.] *Biol. Nauki (Mosc.)* 1983(8):28-32. 1983. In Russian with English summ. WR 192
*Microtus arvalis, L. lagurus,* and *Mus musculus.*

RATTUS AND MUS

84-000485 Advani, Ranjan; B. D. Rana and B. K. Soni. THE ORGAN:BODY WEIGHT RELATIONSHIP IN THE HOUSE RAT, *RATTUS RATTUS RUFESCENS* (GRAY, 1837). *Säugetierkd. Mitt.* 29(4):38-40. 1981. In English. WR 192
[Central Arid Zone Res. Inst., Jodhpur - 342003, India]

RATTUS AND MUS (CONTINUED)

84-000486 Baker, Ann Eileen Miller. SURVIVAL OF HOUSE MICE AFTER MUSCLE BIOPSY. *J. Mammal.* 64(4):704-705. 25 Nov. 1983. WR 192
[Dep. Anim. Sci., Colo. State Univ., Fort Collins 80523] *Mus musculus.*

84-000487 Baverstock, P. R.; M. Adams; L. R. Maxson and T. H. Yosida. GENETIC DIFFERENTIATION AMONG KARYOTYPIC FORMS OF THE BLACK RAT, *RATTUS RATTUS*. *Genetics* 105(4):969-983. Dec. 1983. WR 192
[Div. Vet. Sci., Dep. Agric., Adelaide, South Australia, Australia 5000]

84-000488 Egid, K. and S. Lenington. PARENTAL BEHAVIOR OF WILD HOUSE MICE. *Am. Zool.* 23(4):930. 1983. Abstract only. WR 192
[Rutgers Univ., Newark, NJ] *Mus musculus.*

84-000489 Fleming, Thomas V. and Gordon L. Kirkland, Jr. ECOLOGY OF FERAL HOUSE MICE (*MUS MUSCULUS*) ON WALLOPS ISLAND, VIRGINIA. *Proc. Pa. Acad. Sci.* 57(1):117. 1983. Abstract only. WR 192
[Vertebr. Mus., Shippensburg State Coll., Shippensburg, PA 17257]

84-000490 Homolka, Miloslav. ON THE PROBLEM OF EXOANTHROPIC OCCURRENCE OF *RATTUS NORVEGICUS*. *Folia Zool.* 32(3):203-211. 1983. In English with Russian summ. WR 192
[Inst. Vertebr. Zool., ČSAV, Květná 8, 603 65 Brno, Czechoslovakia]

84-000491 MacFarlane, Bruce A.; Patricia E. Pedersen; Carol E. Cornell and Elliott M. Blass. SENSORY CONTROL OF SUCKLING-ASSOCIATED BEHAVIOURS IN THE DOMESTIC NORWAY RAT, *RATTUS NORVEGICUS*. *Anim. Behav.* 31(2):462-471. May 1983. WR 192
[Dep. Psychol., Johns Hopkins Univ., Baltimore, MD 21218]

84-000492 Nyby, John. ULTRASONIC VOCALIZATIONS DURING SEX BEHAVIOR OF MALE HOUSE MICE (*MUS MUSCULUS*): A DESCRIPTION. *Behav. Neural Biol.* 39(1):128-134. Sept. 1983. WR 192
[Dep. Psychol., Lehigh Univ., Bethlehem, PA 18015]

84-000493 Sokolov, V. E.; S. I. Lyalyukhina and E. V. Kotenkova. [A COMPARATIVE STUDY OF THE REACTION TO OLFACTORY STIMULI IN THE HOUSE AND MOUND-BUILDER MICE (RODENTIA, MURIDAE).] *Zool. Zh.* 62(9):1394-1397. Sept. 1983. In Russian with English summ. WR 192
[Inst. Anim. Evol. Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR] *Mus musculus musculus* and *M. m. hortulanus.*

84-000494 Taylor, J. Mary; John H. Calaby and Hobart M. Van Deusen. A REVISION OF THE GENUS *RATTUS* (RODENTIA, MURIDAE) IN THE NEW GUINEAN REGION. *Bull. Am. Mus. Nat. Hist.* 173(3):177-336. 1982. Price $11.30. WR 192
[Dep. Zool., Univ. British Columbia, Vancouver, British Columbia, Canada]

84-000495 Willan, K. and J. Meester. BREEDING BIOLOGY AND POSTNATAL DEVELOPMENT OF THE AFRICAN DWARF MOUSE. *Acta Theriol.* 23(3):55-73. 1978. In English with Polish summ. WR 192
*Mus minutoides.*

OTHER RODENTS

84-000496 Allen, Arthur W. HABITAT SUITABILITY INDEX MODELS: SOUTHERN RED-BACKED VOLE (WESTERN UNITED STATES). *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 82/10.42. v + 14p. Apr. 1983. WR 192
[WELUT, U.S. Fish & Wildl. Serv., Drake Creekside Bldg. One, 2627 Redwing Rd., Fort Collins, CO 80526] *Clethrionomys gapperi.*

84-000497 Anadu, P. A. A POPULATION STUDY OF TWO SMALL RODENTS IN THE DERIVED SAVANNA ZONE OF SOUTH-WESTERN NIGERIA. *Afr. Small Mammal Newsl. Spec.* No. 4. p. 32. July 1981. Abstract only. WR 192
[Dep. Biol. Sci., Univ. Benin, Benin City, Nigeria] *Praomys daltoni* and *Leggada minutoides.*

84-000498 Anadu, P. A. LABORATORY AND FIELD STUDIES OF *MYONYS DALTONI* REPRODUCTIVE PARAMETERS. *Acta Theriol.* 23(35):519-526. 1978. In English with Polish summ. WR 192

84-000499 Baker, R. J.; R. J. Chesser; B. F. Koop and R. A. Hoyt. ADAPTIVE NATURE OF CHROMOSOMAL REARRANGEMENT: DIFFERENTIAL FITNESS IN POCKET GOPHERS. *Genetica (The Hague)* 61(3):161-164. 15 Sept. 1983. WR 192
[Mus. & Dep. Biol. Sci., Tex. Tech Univ., Lubbock 79409] *Geomys bursarius.*

84-000500 Batzli, George O. and Frank A. Pitelka. NUTRITIONAL ECOLOGY OF MICROTINE RODENTS: FOOD HABITS OF LEMMINGS NEAR BARROW, ALASKA. *J. Mammal.* 64(4):648-655. 25 Nov. 1983. WR 192
[Dep. Ecol., Ethol. & Evol., Univ. Ill., 505 S. Goodwin, Urbana 61801] *Lemmus sibiricus* and *Dicrostonyx groenlandicus.*

84-000501 Benazzou, Touria; Evani Viegas-Pequignot; F. Petter and B. Dutrillaux. PHYLOGÉNIE CHROMOSOMIQUE DE QUATRE ESPÈCES DE *MERIONES* (RONGEUR, GERBILLIDAE). [CHROMOSOMAL PHYLOGENY OF FOUR *MERIONES* (RODENTIA, GERBILLIDAE) SPECIES.] *Ann. Génét.* 25(1):19-24. 1982. In French with English summ. WR 192
[Univ. Mohamed V, Fac. Sci., Dep. Biol., Rabat, Morocco]

84-000502 Benazzou, Touria; Evani Viegas-Péquignot; F. Petter and B. Dutrillaux. PHYLOGÉNIE CHROMOSOMIQUE DES GERBILLIDAE II. ÉTUDE DE SIX *MERIONES* DE *TATERILLUS GRACILIS* ET DE *GERBILLURUS TYTONIS.* [CHROMOSOMAL PHYLOGENY OF THE GERBILLIDAE. II. A STUDY OF SIX *MERIONES*, OF *TATERILLUS GRACILIS* AND OF *GERBILLURUS TYTONIS.*] *Ann. Génét.* 25(4):212-217. 1982. In French with English summ. WR 192
[Univ. Mohamed V, Fac. Sci., Dep. Biol., Rabat, Morocco]

84-000503 Benenson, Isaac E. ON THE MAINTENANCE OF THE UNIQUE SYSTEM OF SEX DETERMINATION IN LEMMINGS. *Oikos* 41(2):211-218. Oct. 1983. In English with Russian summ. WR 192
[Inst. Plant & Anim. Ecol., Ural Sci. Cent., Acad Sci., Sverdlovsk 620008, USSR] *Dicrostonyx torquatus* and *Myopus schisticolor.*

OTHER RODENTS (CONTINUED)

84-000504 Berg, Martin B. and Jan G. Humphreys. THE HOMING ABILITY OF THE ALLEGHENY WOODRAT (*NEOTOMA FLORIDANA* ORD). *Proc. Pa. Acad. Sci.* 57(1):117-118. 1983. Abstract only. WR 192
[Biol. Dep., Lehigh Univ., Bethlehem, PA 18015]

84-000505 Bokshtein, F. M.; Yu. A. Dubrovsky and V. B. Stepanitzky. [THE SCATTERING OF SANDFLIES (DIPTERA, PHLEBOTOMINAE) AND THEIR DISTRIBUTION BY TERRITORIES NOT POPULATED BY GREAT GERBILS.] *Zool. Zh.* 62(8):1193-1201. Aug. 1983. In Russian with English summ. WR 192
[Inst. Epidemiol. & Microbiol., USSR Acad. Med. Sci., Moscow, USSR] *Rhombomys opimus opimus.*

84-000506 Brand, Suzanne and Angela Keppel. *COENDOU PREHENSILIS*: A COMPARISON TO OTHER NEW AND OLD WORLD PORCUPINES. *Anim. Keepers' Forum* 10(12):310-317. Dec. 1983. WR 192
[Dep. Zool. Res., Natl. Zool. Park, Washington, DC]

84-000507 Calaby, John H. and J. Mary Taylor. BREEDING IN WILD POPULATIONS OF THE AUSTRALIAN ROCK RATS, *ZYZOMYS ARGURUS* AND *Z. WOODWARDI*. *J. Mammal.* 64(4):610-616. 25 Nov. 1983. WR 192
[CSIRO, Div. Wildl. Res., P.O. Box 84, Lyneham, ACT 2602, Australia]

84-000508 Cameron, Guy N. and Stephen R. Spencer. FIELD GROWTH RATES AND DYNAMICS OF BODY MASS FOR RODENTS ON THE TEXAS COASTAL PRAIRIE. *J. Mammal.* 64(4):656-665. 25 Nov. 1983. WR 192
[Dep. Biol., Univ. Houston, Houston, TX 77004] *Sigmodon hispidus, Reithrodontomys fulvescens,* and *Oryzomys palustris.*

84-000509 Chappell, M. A. and L. R. G. Snyder. MAXIMUM OXYGEN CONSUMPTION IN DEER MICE AS A FUNCTION OF ALTITUDE AND HEMOGLOBIN GENOTYPE. *Am. Zool.* 23(4):977. 1983. Abstract only. WR 192
[Univ. Calif., Riverside] *Peromyscus maniculatus.*

84-000510 Chełkowska, Henryka. VARIATIONS IN NUMBERS AND SOCIAL FACTORS IN A POPULATION OF FIELD VOLES. *Acta Theriol.* 23(11):213-238. 1978. In English with Polish summ. WR 192
*Microtus arvalis.*

84-000511 Cockburn, Andrew and William Z. Lidicker, Jr. MICROHABITAT HETEROGENEITY AND POPULATION ECOLOGY OF AN HERBIVOROUS RODENT, *MICROTUS CALIFORNICUS*. *Oecologia (Berl.)* 59(2-3):167-177. Sept. 1983. WR 192
[Lidicker: Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720]

84-000512 Coetzee, C. G. THE FEEDING BEHAVIOR OF *PETROMUS TYPICUS* A. SMITH, 1831. *Afr. Small Mammal Newsl. Spec.* No. 4. p. 33. July 1981. Abstract only. WR 192
[State Mus., Windhoek, Namibia]

84-000513 Conley, K. E. and W. P. Porter. SEASONAL SHIFT IN THERMOREGULATORY ABILITY OF THE DEER MOUSE, *PEROMYSCUS MANICULATUS*. *Am. Zool.* 23(4):936. 1983. Abstract only. WR 192
[Univ. Wis., Madison]

OTHER RODENTS (CONTINUED)

84-000514 Cornbower, Tyrone R. and Gordon L. Kirkland, Jr. THE BIOLOGY OF THE PINE VOLE (*PITYMYS PINETORUM*) IN SOUTHCENTRAL PENNSYLVANIA. *Proc. Pa. Acad. Sci.* 57(1):117. 1983. Abstract only. WR 192
[P.H. Gladfelter Co., Spring Grove, PA 17362]

84-000515 Cranford, J. A. and N. Thumser. LOW TEMPERATURE EFFECTS ON GROWTH AND BODY WEIGHT IN *MICROTUS PINETORUM*. *Va. J. Sci.* 34(3):119. 1983. Abstract only. WR 192
[Biol. Dep., Va. Polytech. Inst. & State Univ., Blacksburg 24061]

84-000516 Cranford, J. A. EFFECTS OF 6-METHOXYBENZOAXOLINONE (6-MBOA) ON SEXUAL MATURATION IN SEVERAL RODENT SPECIES UNDER DIFFERENT PHOTOPERIODIC CONDITIONS. *Va. J. Sci.* 34(3):119. 1983. Abstract only. WR 192
[Biol. Dep., Va. Polytech. Inst. & State Univ., Blacksburg 24061] *Peromyscus leucopus, P. maniculatus, Microtus pennsylvanicus,* and *M. pinetorum.*

84-000517 Crawford-Cabral, J. PATTERNS OF ALLOPATRIC SPECIATION IN SOME ANGOLAN MURIDAE. *Afr. Small Mammal Newsl. Spec.* No. 4. p. 26. July 1981. Abstract only. WR 192
[Cent. Zool., Rua da Junqueira 14, 1300 Lisbon, Portugal] *Pelomys campanae, Aethomys bocagei, A. thomasi* and *Dasymys nudipes.*

84-000518 Dalquest, Walter W. and Frederick B. Stangl, Jr. IDENTIFICATION OF SEVEN SPECIES OF *PEROMYSCUS* FROM TRANS-PECOS TEXAS BY CHARACTERS OF THE LOWER JAWS. *Occas. Pap. Mus. Tex. Tech Univ.* No. 90. 12p. 22 Nov. 1983. WR 192
[Dep. Biol., Midwestern State Univ., Wichita Falls, TX 76308]

84-000519 Dark, John and Irving Zucker. SHORT PHOTOPERIODS REDUCE WINTER ENERGY REQUIREMENTS OF THE MEADOW VOLE, *MICROTUS PENNSYLVANICUS*. *Physiol. Behav.* 31(5):699-702. Nov. 1983. WR 192
[Dep. Psychol., Univ. Calif., Berkeley 94720]

84-000520 Dasser, Verena. DISPERSAL TENDENCIES AND SOCIAL BEHAVIOUR OF YOUNG CHINESE HAMSTERS (*CRICETULUS GRISEUS*). *Behaviour* 78(1-2):1-20. 1981. In English with German summ. WR 192
[Ethol. & Wildl. Res., Inst. Zool., Univ. Zurich, Zurich, Switzerland]

84-000521 Demeter, A. TAXONOMICAL NOTES ON *ARVICANTHIS* (MAMMALIA, MURIDAE) FROM THE ETHIOPIAN RIFT VALLEY. *Afr. Small Mammal Newsl. Spec.* No. 4. p. 18. July 1981. Abstract only. WR 192
[Zool. Dep., Hungarian Nat. Hist. Mus., Budapest, Baross u 13, Hungary]

84-000522 Dieterlen, F. and B. Statzner. *COLOMYS GOSLINGI* - A PREDATOR IN LIMNETIC ECOSYSTEMS. *Afr. Small Mammal Newsl. Spec.* No. 4. p. 29. July 1981. Abstract only. WR 192
[Staatl. Mus. Naturk., Schloss Rosensetin, D-7000 Stuttgart 1, West Germany]

OTHER RODENTS (CONTINUED)

84-000523 Dieterlen, F. A REVIEW ON TAXONOMY, DISTRIBUTION AND ECOLOGY OF THE AFRICAN FOREST BROOK RAT *COLONYS GOSLINGI* (THOMAS AND WROUGHTON, 1907). *Afr. Small Mammal Newsl. Spec.* No. 4. p. 22. July 1981. Abstract only. WR 192
[Staatl. Mus. Naturk., Schloss Rosensetin, D-7000 Stuttgart 1, West Germany]

84-000524 Engstrom, Mark D. and John W. Bickham. KARYOTYPES OF *NELSONIA NEOTOMODON*, WITH NOTES ON THE PRIMITIVE KARYOTYPE OF PEROMYSCINE RODENTS. *J. Mammal.* 64(4):685-688. 25 Nov. 1983. WR 192
[Dep. Biol., Angelo State Univ., San Angelo, TX 76909]

84-000525 Fedyk, Anna; Denise Farin and Elżbieta Malzahn. GROSS BODY COMPOSITION OF LABORATORY-BRED *PITYMYS SUBTERRANEUS*. *Acta Theriol.* 23(14):259-267. 1978. In English with Polish summ. WR 192

84-000526 FitzGerald, Randall W. and Dale M. Madison. SOCIAL ORGANIZATION OF A FREE-RANGING POPULATION OF PINE VOLES, *MICROTUS PINETORUM*. *Behav. Ecol. Sociobiol.* 13(3):183-187. Sept. 1983. WR 192
[Dep. Biol. Sci., State Univ. N.Y., Binghamton 13901]

84-000527 Flaherty, Sean P.; William G. Breed and V. Sarafis. LOCALIZATION OF ACTIN IN THE SPERM HEAD OF THE PLAINS MOUSE, *PSEUDOMYS AUSTRALIS*. *J. Exp. Zool.* 225(3):497-500. Mar. 1983. WR 192
[Dep. Anat. & Histol., Univ. Adelaide, G.P.O. Box 498, Adelaide, South Australia, Australia 5001]

84-000528 Fraguedakis-Tsolis, S. E.; B. P. Chondropoulos; J. J. Lykakis and J. C. Ondrias. TAXONOMIC PROBLEMS OF WOODMICE, *APODEMUS* SSP., OF GREECE APPROACHED BY ELETROPHORETIC AND IMMUNOLOGICAL METHODS. *Mammalia* 47(3):333-337. 1983. In English with French summ. WR 192
[Zool. Lab., Univ. Patras, Patras, Greece]

84-000529 Frye, Robert J. EXPERIMENTAL FIELD EVIDENCE OF INTERSPECIFIC AGGRESSION BETWEEN TWO SPECIES OF KANGAROO RAT (*DIPODOMYS*). *Oecologia (Berl.)* 59(1):74-78. Aug. 1983. WR 192
[Dep. Ecol. & Evol. Biol., Univ. Ariz., Tucson 85721] *Dipodomys merriami* and *D. spectabilis*.

84-000530 Gavish, Leah; C. Sue Carter and Lowell L. Getz. MALE-FEMALE INTERACTIONS IN PRAIRIE VOLES. *Anim. Behav.* 31(2):334-340. May 1983. WR 192
[Zool. Dep., Hebrew Univ., Jerusalem, Israel] *Microtus ochrogaster*.

84-000531 Goodyear, James J. A COMPUTER METHOD OF CREATING TOOTH WEAR CLASSES FOR THE STUDY OF AGE STRUCTURE IN A RODENT POPULATION. *Am. Zool.* 23(4):949. 1983. Abstract only. WR 192
[Bowling Green State Univ., Bowling Green, OH 43403] *Arvicanthis abyssinicus*.

OTHER RODENTS (CONTINUED)

84-000532 Grulich, Ivo. POPULAČNÍ DYNAMIKA, STANOVIŠTĚ A LIKVIDACE POPULAČNÍ EXPLOZE KŘEČKA POLNÍHO (*CRICETUS CRICETUS* L.). [POPULATION DYNAMICS, HABITAT AND LIQUIDATION OF THE POPULATION BOOM OF THE HAMSTER (*CRICETUS CRICETUS* LINN.).] *Vertebr. Zprávy* 1982:28-30. 1982. In Czech. WR 192

84-000533 Gurnell, J. and K. Rennolls. GROWTH IN FIELD AND LABORATORY POPULATIONS OF WOOD MICE (*APODEMUS SYLVATICUS*). *J. Zool. (Lond.)* 200(3):355-365. July 1983. WR 192
[Dep. Zool., Westfield Coll., London NW3 7ST, England]

84-000534 Gustafsson, Torgny O.; C. Bertil and N. Erik I. Nyholm. COMPARISON OF SENSITIVITY TO SOCIAL SUPPRESSION OF SEXUAL MATURATION IN CAPTIVE MALE BANK VOLES, *CLETHRIONOMYS GLAREOLUS*, ORIGINATING FROM POPULATIONS WITH DIFFERENT DEGREES OF CYCLICITY. *Oikos* 41(2):250-254. Oct. 1983. In English with Russian summ. WR 192
[Dep. Zool., Univ. Lund, S-223 62 Lund, Sweden]

84-000535 Haigh, Gale R. REPRODUCTIVE INHIBITION AND RECOVERY IN YOUNG FEMALE *PEROMYSCUS LEUCOPUS*. *J. Mammal.* 64(4):706. 25 Nov. 1983. WR 192
[Biol. Res. Cent., Mich. State Univ., East Lansing 48824]

84-000536 Hannah, John and Jerzy M. Behnke. *NEMATOSPIROIDES DUBIUS* IN THE JIRD, *MERIONES UNGUICULATUS*: FACTORS AFFECTING THE COURSE OF A PRIMARY INFECTION. *J. Helminthol.* 56(4):329-338. Dec. 1982. WR 192
[Behnke: Zool. Dep., Univ. Nottingham, University Park, Nottingham N67 2RD, England]

84-000537 Hansson, Lennart. DIFFERENCES IN AGE INDICATORS BETWEEN FIELD AND LABORATORY SMALL RODENT POPULATIONS. *Mammalia* 47(3):371-375. 1983. In English with French summ. WR 192
[Dep. Wildl. Ecol., Swedish Univ. Agric. Sci., S-750 07 Uppsala, Sweden]
*Clethrionomys glareolus* and *Microtus agrestis*.

84-000538 Hansson, Lennart. SEX RATIO IN SMALL MAMMAL POPULATIONS AS AFFECTED BY THE PATTERN OF FLUCTUATIONS. *Acta Theriol.* 23(10):203-212. 1978. In English with Polish summ. WR 192
*Microtus agrestis* and *Clethrionomys glareolus*.

84-000539 Hansson, Lennart. REPRODUCTIVE DEVELOPMENT RELATED TO AGE INDICATORS IN MICROTINE RODENTS. *J. Wildl. Manage.* 47(4):1170-1172. Oct. 1983. WR 192
[Dep. Wildl. Ecol., Swedish Univ. Agric. Sci., S-750 07 Uppsala, Sweden]
*Clethrionomys glareolus*.

84-000540 Heath, Harley W. and G. Robert Lynch. INTRASPECIFIC DIFFERENCES IN THE USE OF PHOTOPERIOD AND TEMPERATURE AS ENVIRONMENTAL CUES IN WHITE-FOOTED MICE *PEROMYSCUS LEUCOPUS*. *Physiol. Zool.* 56(4):506-512. Oct. 1983. WR 192
[Dep. Biol., Wesleyan Univ., Middletown, CT 06457]

OTHER RODENTS (CONTINUED)

84-000541 Heinz, Kevin M. SCRATCH-DIGGING ADAPTATIONS IN KANGAROO RATS. *Am. Zool.* 23(4):890. 1983. Abstract only. WR 192
[Univ. Calif., Riverside] *Dipodomys* spp.

84-000542 Higgs, S. and F. Nowell. INFECTION PATTERNS OF *EIMERIA HUNGARYENSIS* IN THE WOODMOUSE *APODEMUS SYLVATICUS*. *Parasitology* 87(2):vi. Oct. 1983. Abstract only. WR 192
[Dep. Zool., Univ. Reading, Whiteknights, Reading, Berkshire RG6 2AJ, England]

84-000543 Horton, T. H. MATERNAL INFLUENCE ON THE INTERPRETATION OF PHOTOPERIOD INFORMATION BY JUVENILE MONTANE VOLES (*MICROTUS MONTANUS*). *Am. Zool.* 23(4):940. 1983. Abstract only. WR 192
[Univ. Utah, Salt Lake City]

84-000544 Hoy, Geoffrey. A STUDY OF *TATERA BRANTSII* AND *TATERA LEUCOGASTER* IN AN AREA OF SYMPATRY. *M.S. thesis, Univ. Witwatersrand (South Africa)* 1981. From Masters Abstr. 21(1):114. Mar. 1983. WR 192

84-000545 Hubbard, John P.; Charles S. Thaeler, Jr. and C. Gregory Schmitt. NOTES ON VOLES (*MICROTUS*, FAMILY CRICETIDAE) IN NEW MEXICO. *Nemouria* No. 28. 8p. 28 Oct. 1983. WR 192
[N.M. Dep. Game & Fish, Sante Fe 87503] *Microtus pennsylvanicus, M. montanus, M. mexicanus, M. longicaudus*, and *M. ochrogaster*.

84-000546 Hubert, B.; A. Meylan; F. Petter; A. Poulet and M. Tranier. LES *MASTOMYS* DE L'OEST ET DU SUD DE L'AFRIQUE (RONGEURS, MURIDÉS). [*MASTOMYS* OF WESTERN AND SOUTHERN AFRICA (RODENTIA, MURIDAE).] *Afr. Small Mammal Newsl. Spec.* No. 4. p. 20. July 1981. French abstract only. WR 192
[Mus. Natl. Hist. Nat., rue de Buffon 55, 75005 Paris, France]

84-000547 Huck, U. W.; J. B. Labov; P. Vaswani and R. D. Lisk. EFFECTS OF PRE- AND POSTNATAL UNDERNUTRITION ON MANIPULATION OF OFFSPRING SEX RATIO OF GOLDEN HAMSTERS. *Am. Zool.* 23(4):935. 1983. Abstract only. WR 192
[Princeton Univ., Princeton, NJ] *Mesocricetus auratus*.

84-000548 Jannett, F. J., Jr. SOCIAL STIMULATION OF FALL BREEDING IN THE MONTANE VOLE, *MICROTUS MONTANUS*. Am. *Zool.* 23(4):935. 1983. Abstract only. WR 192
[Sci. Mus. Minn., St. Paul]

84-000549 Jung Sun Koh. A STUDY ON AGE VARIATION AND SECONDARY SEXUAL DIMORPHISM IN MORPHOMETRIC CHARACTERS OF KOREAN RODENTS: I. AN ANALYSIS ON STRIPED FIELD MICE, *APODEMUS AGRARIUS COREAE* THOMAS, FROM CHEONGJU. *Kor. J. Zool.* 26(2):125-134. 1983. From Kor. Sci. Abstr. 15(4):83/760. Aug. 1983. In English. WR 192

84-000550 Kaneko, Yukibumi. SEASONAL AND SEXUAL DIFFERENCES IN ABSOLUTE AND RELATIVE GROWTH IN *MICROTUS MONTEBELLI*. *Acta Theriol.* 23(4):75-98. 1978. In English with Polish summ. WR 192

OTHER RODENTS (CONTINUED)

84-000551 Kaneko, Yukibumi. A COMPARISON OF NUMBER OF EMBRYOS AND MEASUREMENTS OF *MICROTUS MONTEBELLI* IN TWO TYPES OF HABITATS. *Acta Theriol.* 23(6):140-143. 1978. In English. WR 192

84-000552 Kaufman, Donald W.; Sharon K. Peterson; Richard Fristik and Glennis A. Kaufman. EFFECT OF MICROHABITAT FEATURES ON HABITAT USE BY *PEROMYSCUS LEUCOPUS*. *Am. Midl. Nat.* 110(1):177-185. July 1983. WR 192
[Div. Biol., Kans. State Univ., Manhattan 66506]

84-000553 Kratochvíl, Josef. *MICROTUS ARVALIS* UND *M. EPIROTICUS* IN DER BULGARISCHEN VOLKSREPUBLIK. [*MICROTUS ARVALIS* AND *M. EPIROTICUS* IN BULGARIA.] *Folia Zool.* 32(3):193-202. 1983. In German with Russian and English summ. WR 192
[Inst. Vertebr. Zool., ČSAV, Květná 8, 603 65 Brno, Czechoslovakia]

84-000554 Lansman, Robert A.; John C. Avise; Charles F. Aquadro; John F. Shapira and Susan W. Daniel. EXTENSIVE GENETIC VARIATION IN MITOCHONDRIAL DNA'S AMONG GEOGRAPHIC POPULATIONS OF THE DEER MOUSE, *PEROMYSCUS MANICULATUS*. *Evolution* 37(1):1-16. Jan. 1983. WR 192
[Dep. Molecular & Popul. Genet., Univ. Ga., Athens 30602]

84-000555 Lindroth, Richard L. and George O. Batzli. DETOXICATION OF SOME NATURALLY OCCURRING PHENOLICS BY PRAIRIE VOLES: A RAPID ASSAY OF GLUCURONIDATION METABOLISM. *Biochem. Syst. Ecol.* 11(4):405-409. 1983. WR 192
[Ecol. Program, Univ. Ill., Urbana 61801] *Microtus ochrogaster.*

84-000556 Linzey, Alicia V. *SYNAPTOMYS COOPERI*. *Am. Soc. Mammal. Mammal. Species* No. 210. p. 1-5. 15 Dec. 1983. WR 192
[Dep. Biol., Indiana Univ. Pa., Indiana, PA 15705]

84-000557 Lisk, Robert D.; Leonard A. Ciaccio and Cathy Catanzaro. MATING BEHAVIOUR OF THE GOLDEN HAMSTER UNDER SEMINATURAL CONDITIONS. *Anim. Behav.* 31(3):659-666. Aug. 1983. WR 192
[Dep. Biol., Princeton Univ., Princeton, NJ 08544] *Mesocricetus auratus.*

84-000558 Lochmiller, Robert L.; James B. Whelan and Roy L. Kirkpatrick. BODY COMPOSITION AND RESERVES OF ENERGY OF *MICROTUS PINETORUM* FROM SOUTHWEST VIRGINIA. *Am. Midl. Nat.* 110(1):138-144. July 1983. WR 192
[Dep. Wildl. & Fish. Sci., Tex. A&M Univ., College Station 77843]

84-000559 Lord, Veronica R. and Ricardo Flores C. *BRUCELLA* SPP. FROM THE CAPYBARA (*HYDROCHAERIS HYDROCHAERIS*) IN VENEZUELA: SEROLOGIC STUDIES AND METABOLIC CHARACTERIZATION OF ISOLATES. *J. Wildl. Dis.* 19(4):308-314. Oct. 1983. WR 192
[Lab. Brucellosis, Inst. Vet. Invest., Box 70, Maracay 2102, Venezuela]

OTHER RODENTS (CONTINUED)

84-000560 M'Closkey, Robert T. DESERT RODENT ACTIVITY: RESPONSE TO SEED PRODUCTION BY TWO PERENNIAL PLANT SPECIES. *Oikos* 41(2):233-238. Oct. 1983. In English with Russian summ. WR 192
[Dep. Biol., Univ. Windsor, Windsor, Ontario, Canada N9B 3P4] *Dipodomys merriami*, *Perognathus amplus*, *P. baileyi*, and *P. penicillatus* in Arizona.

84-000561 Madkour, Gamal. OSTEOLOGY OF THE AUTOPODIA OF COMMON QATARIAN GERBILS (MAMMALIA, RODENTIA). *Zool. Anz.* 211(5/6):385-395. 1983. In English. WR 192
[Dep. Zool., Fac. Sci., Tanta Univ., Tanta, Egypt] *Gerbillus nanos arabrium* and *G. cheesmani maritimus*.

84-000562 Marr, Gregory A.; Peter Colosi; Claude Desjardins and Frank Talamantes. DEVELOPMENT AND CHARACTERIZATION OF A HOMOLOGOUS RADIOIMMUNOASSAY FOR DEER MOUSE (*PEROMYSCUS MANICULATUS BAIRDII*) PROLACTIN. *Life Sci.* 33(23):2305-2309. 5 Dec. 1983. WR 192
[Talamantes: Thimann Lab., Univ. Calif., Santa Cruz 95064]

84-000563 McAdoo, J. Kent; Carol C. Evans; Bruce A. Roundy; James A. Young and Raymond A. Evans. INFLUENCE OF HETEROMYID RODENTS ON *ORYZOPSIS HYMENOIDES* GERMINATION. *J. Range Manage.* 36(1):61-64. Jan. 1983. WR 192
[Renewable Resour. Cent., Univ. Nev., Reno]

84-000564 McClenaghan, Leroy R., Jr. NOTES ON THE POPULATION ECOLOGY OF *PEROGNATHUS FALLAX* (RODENTIA: HETEROMYIDAE) IN SOUTHERN CALIFORNIA. *Southwest. Nat.* 28(4):429-436. 9 Dec. 1983. WR 192
[Dep. Biol., San Diego State Univ., San Diego 92182]

84-000565 McEvoy, James Stephen. COMPARATIVE MYOLOGY OF THE PECTORAL AND PELVIC APPENDAGES OF THE NORTH AMERICAN PORCUPINE (*ERETHIZON DORSATUM*) AND THE PREHENSILE-TAILED PORCUPINE (*COENDOU PREHENSILIS*). *Bull. Am. Mus. Nat. Hist.* 173(4):337-421. 1982. Price $6.40. WR 192
[Anat. Dep., Univ. New England, Coll. Osteopathic Med., Armidale, New South Wales, Australia]

84-000566 Merritt, Joseph F. and Joanie M. Merritt. SEASONAL HOME RANGES AND ACTIVITY OF SMALL MAMMALS OF A COLORADO SUBALPINE FOREST. *Acta Theriol.* 23(9):195-202. 1978. In English with Polish summ. WR 192
*Clethrionomys gapperi* and *Peromyscus maniculatus*.

84-000567 Merson, Mark H. and Roy L. Kirkpatrick. ROLE OF ENERGY INTAKE IN THE MAINTENANCE OF REPRODUCTION IN FEMALE WHITE-FOOTED MICE. *Am. Midl. Nat.* 109(1):206-208. Jan. 1983. WR 192
[Winchester Fruit Res. Lab., Va. Polytech. Inst. & State Univ., 2500 Valley Ave., Winchester 22601] *Peromyscus leucopus*.

84-000568 Mišek, Ivan. PŘÍSPĚVEK K ORGANOGENEZI OKA U *MICROTUS ARVALIS* A *APODEMUS SYLVATICUS*. [CONTRIBUTION TO THE ORGANOGENESIS OF THE EYE IN *MICROTUS ARVALIS* AND *APODEMUS*

OTHER RODENTS (CONTINUED)

84-000568 CONTINUED *SYLVATICUS*.] *Vertebr. Zprávy* 1982:57-58. 1982. In Czech with English summ. WR 192

84-000569 Mihok, Steve and Don Ewing. RELIABILITY OF TRANSFERRIN AND LEUCINE AMINOPEPTIDASE PHENOTYPING IN WILD MEADOW VOLES (*MICROTUS PENNSYLVANICUS*). *Biochem. Genet.* 21(9/10):969-983. Oct. 1983. WR 192
[Environ. Res. Branch, Atomic Energy Can. Ltd. Res. Company, Whiteshell Nuclear Res. Establishment, Pinawa, Manitoba, Canada R0E 1L0]

84-000570 Mihok, Steve; William A. Fuller; Raymond P. Canham and Euan C. McPhee. GENETIC CHANGES AT THE TRANSFERRIN LOCUS IN THE RED-BACKED VOLE (*CLETHRIONOMYS GAPPERI*). *Evolution* 37(2):332-340. Mar. 1983. WR 192
[Environ. Res. Branch, Whiteshell Nuclear Res. Establishment, Pinawa, Manitoba, Canada R0E 1L0]

84-000571 Movchan, V. N. and L. V. Korotetskova. [THE ACOUSTIC COMMUNICATION IN THE COMMON DORMOUSE *MUSCARDINUS AVELLANARIUS* (RODENTIA, MYOXIDAE).] *Zool. Zh.* 62(10):1547-1558. Oct. 1983. In Russian with English summ. WR 192
[State Univ. Leningrad, USSR]

84-000572 Musser, Guy G. RESULTS OF THE ARCHBOLD EXPEDITIONS. NO. 110. *CRUNOMYS* AND THE SMALL-BODIED SHREW RATS NATIVE TO THE PHILIPPINE ISLANDS AND SULAWESI (CELEBES). *Bull. Am. Mus. Nat. Hist.* 174(1):1-95. 1982. Price $7.30. WR 192
[Dep. Mammal., Am. Mus. Nat. Hist., New York, NY] *Melasmothrix naso*, *Tateomys rhinogradoides*, and *T. macrocercus*.

84-000573 Musser, Guy G. and Cameron Newcomb. MALAYSIAN MURIDS AND THE GIANT RAT OF SUMATRA. *Bull. Am. Mus. Nat. Hist.* 174(4):327-598. 1983. Price $20.00. WR 192
[Dep. Mammal, Am. Mus. Nat. Hist., New York, NY] *Palawanomys furvus* new genus and new species. *Sundamys* new genus.

84-000574 Nadeau, Joseph H. and Ramone Baccus. GAMETIC SELECTION AND HEMOGLOBIN POLYMORPHISMS IN *PEROMYSCUS MANICULATUS*: A REJOINDER. *Evolution* 37(3):642-646. May 1983. WR 192
[Jackson Lab., Bar Harbor, ME 04609]

84-000575 Neal, B. R. THE BREEDING PATTERN OF TWO SPECIES OF SPINY MICE, *ACOMYS PERCIVALI* AND *A. WILSONI* (MURIDAE: RODENTIA), IN CENTRAL KENYA. *Mammalia* 47(3):311-321. 1983. In English with French summ. WR 192
[Dep. Biol., Univ. Saskatchewan, Saskatoon, Saskatchewan, Canada S7N 0W0]

84-000576 Nelson, R. J.; J. Dark and I. Zucker. INFLUENCE OF PHOTOPERIOD, NUTRITION AND WATER AVAILABLILITY ON REPRODUCTION OF MALE CALIFORNIA VOLES (*MICROTUS CALIFORNICUS*). *J. Reprod. Fert.* 69(2):473-477. Nov. 1983.

OTHER RODENTS (CONTINUED)

84-000576 CONTINUED WR 192
[Dep. Psychol., Univ. Calif., Berkeley 94720]

84-000577 Novak, James M. MULTIPLE CAPTURES OF *PEROMYSCUS LEUCOPUS*: SOCIAL BEHAVIOR IN A SMALL RODENT. *J. Mammal.* 64(4):710-713. 25 Nov. 1983. WR 192
[Savannah River Ecol. Lab., P.O. Drawer E, Aiken, SC 29801]

84-000578 Ogwuegbu, S. O.; B. O. Oke and T. A. Aire. HISTOMORPHOMETRIC, HISTOCHEMICAL AND MICROSTEREOLOGICAL STUDIES ON THE ACCESSORY GLANDS OF THE MALE AFRICAN GIANT RAT (*CRICETOMYS GAMBIANUS*, WATERHOUSE). *Afr. J. Ecol.* 21(4):329-333. Dec. 1983. In English. WR 192
[Dep. Vet. Anat., Univ. Ibadan, Ibadan, Nigeria]

84-000579 Orlov, V. N.; V. N. Yatsenko and V. M. Malygin. KARYOTYPE HOMOLOGY AND SPECIES PHYLOGENY IN A GROUP OF FIELD MICE (CRICETIDAE, RODENTIA). *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 269(1-6):217-219. Sept. 1983. Translated from Dokl. Akad. Nauk SSSR 269(1):236-238. Mar. 1983. WR 192
[Inst. Evol., Morphol., & Anim. Ecol., Acad. Sci., Moscow, USSR] Data for 7 spp. of *Microtus*.

84-000580 Pengilly, Douglas; Gordon H. Jarrell and Stephen O. MacDonald. BANDED KARYOTYPES OF *PEROMYSCUS SITKENSIS* FROM BARANOF ISLAND, ALASKA. *J. Mammal.* 64(4):682-685. 25 Nov. 1983. WR 192
[Ester, AK 99725]

84-000581 Petter, Francis. ELEMENTS D'UNE REVISION DES *ACOMYS* AFRICAINS (RONGEURS, MURIDÉS). [ELEMENTS OF A REVISION OF AFRICAN *ACOMYS* (RODENTS, MURIDAE).] *Afr. Small Mammal Newsl. Spec.* No. 4. p. 15. July 1981. French abstract only. WR 192
[Mus. Natl. Hist. Nat., rue de Buffon 55, 75005 Paris, France]

84-000582 Poulet, Alain R. INFLUENCE DE LA PREDATION SUR LA DYNAMIQUE DE POPULATION DE *TATERILLUS PYGARGUS* (RONGEURS, GERBILLIDES) DANS LE SAHEL DU SENEGAL. [INFLUENCE OF PREDATION ON THE POPULATION DYNAMICS OF *TATERILLUS PYGARGUS* (RODENTIA, GERBILLIDAE) IN THE SENEGAL SAHEL.] *Afr. Small Mammal Newsl. Spec.* No. 4. p. 30. July 1981. French abstract only. WR 192
[Mus. Natl. Hist. Nat., rue de Buffon 55, 75005 Paris, France]

84-000583 Pruthi, A. K.; M. U. Kharole; R. K. P. Gupta and B. B. Kumar. OCCURRENCE AND PATHOLOGY OF INTRACUTANEOUS CORNIFYING EPITHELIOMAS IN *MASTOMYS NATALENSIS*, THE MULTIMAMMATE MOUSE. *Res. Vet. Sci.* 35(2):127-129. Sept. 1983. WR 192
[Coll. Vet. Sci., Haryana Agric. Univ., Hissar, Haryana, 125 004 India]

84-000584 Rahima, Ali. COMPARATIVE HISTOLOGICAL STUDY OF THE UTERUS IN LIBYAN *CTENODACTYLUS GUNDI* AND SYRIAN GOLDEN HAMSTER (*MESOCRICETUS AURATUS*). *Libyan J. Sci.* 11:49-52. 1981. In English with Arabic summ.

OTHER RODENTS (CONTINUED)

84-000584 CONTINUED WR 192
[Dep. Zool., Fac. Sci., Univ. Al-Fateh, Tripoli, Libya]

84-000585 Rau, Jaime R. SELECCION DIETARIA POR CONSUMO Y ALMACENAMIENTO DE SEMILLAS EN *AKODON OLIVACEUS BRACHIOTIS* WATERHOUSE (RODENTIA, CRICETIDAE). [DIETARY SELECTION FOR CONSUMPTION AND SEED HOARDING IN *AKODON OLIVACEUS BRACHIOTIS* WATERHOUSE (RODENTIA, CRICETIDAE).] *Medio Ambiente* 6(1):19-22. 1982. In Spanish with English summ. WR 192

84-000586 Rautenbach, I. L. and N. J. Dippenaar. THE TAXONOMY AND ZOOGEOGRAPHY OF THE SOUTHERN AFRICAN SPECIES OF THE GENUS *ACOMYS* I. GEOFFROY, 1838 (MURIDAE: RODENTIA). *Afr. Small Mammal Newsl. Spec.* No. 4. p. 16. July 1981. Abstract only. WR 192
[Transvaal Mus., Pretoria 0002, South Africa]

84-000587 Rebar, Cindy and O. J. Reichman. INGESTION OF MOLDY SEEDS BY HETEROMYID RODENTS. *J. Mammal.* 64(4):713-715. 25 Nov. 1983. WR 192
[Div. Biol., Kans. State Univ., Manhattan 66506] *Perognathus intermedius.*

84-000588 Robbins, C. Brian and John W. Krebs, Jr. A REVIEW OF THE SIERRA LEONE *MASTOMYS*/LASSA FEVER PROJECT. *Afr. Small Mammal Newsl. Spec.* No. 4. p. 21. July 1981. Abstract only. WR 192
[Smithsonian Inst., Div. Mammals, Natl. Mus. Nat. Hist., Washington, DC 20560]

84-000589 Rogers, Duke S. PHYLOGENETIC AFFINITIES OF *PERONYSCUS (MEGADONTOMYS) THOMASI*: EVIDENCE FROM DIFFERENTIALLY STAINED CHROMOSOMES. *J. Mammal.* 64(4):617-623. 25 Nov. 1983. WR 192
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720]

84-000590 Ruprecht, Andrzej L. TAXONOMIC VALUE OF t3 MESIO-LABIAL CONE IN $M^2$ OF *APODEMUS* KAUP, 1829. *Acta Theriol.* 23(37):546-550. 1978. In English. WR 192

84-000591 Rychnovský, Boris. ROZDÍLY V TĚLESNÉ VYSPĚLOSTI ODSTAVENÝCH MLÁD'AT HRABOŠE POLNÍHO (*MICROTUS ARVALIS* PALL.) V PROSTŘEDÍCH ROZDÍLNÝCH TEPLOT. [DIFFERENCES IN THE PHYSICAL CONDITION OF WEANED YOUNG OF THE COMMON VOLE (*MICROTUS ARVALIS* PALL.) UNDER DIFFERENT AMBIENT TEMPERATURES.] *Vertebr. Zprávy* 1982:55-57. 1982. In Czech with English summ. WR 192

84-000592 Rychnovský, Boris. BODY WEIGHT OF *MICROTUS ARVALIS* IN THE REPRODUCTION PERIOD UNDER LABORATORY CONDITIONS WITH VARYING TEMPERATURES. *Folia Zool.* 32(2):119-130. 1983. In English with Russian summ. WR 192
[Inst. Vertebr. Zool., ČSAV, Květná 8, 603 65 Brno, Czechoslovakia]

OTHER RODENTS (CONTINUED)

84-000593 Schreiber, R. Kent. BIOENERGETICS OF THE GREAT BASIN POCKET MOUSE, *PEROGNATHUS PARVUS*. *Acta Theriol.* 23(32):469-487. 1978. In English with Polish summ. WR 192

84-000594 Servello, Frederick A.; Kenneth E. Webb, Jr. and Roy L. Kirkpatrick. ESTIMATION OF THE DIGESTIBILITY OF DIETS OF SMALL MAMMALS IN NATURAL HABITATS. *J. Mammal.* 64(4):603-609. 25 Nov. 1983. WR 192
[Dep. Fish. & Wildl. Sci., Va. Polytech. Inst. & State Univ., Blacksburg 24061] *Microtus pinetorum*.

84-000595 Siegel, Harold I.; Margaret C. Clark and Jay S. Rosenblatt. MATERNAL RESPONSIVENESS DURING PREGNANCY IN THE HAMSTER (*MESOCRICETUS AURATUS*). *Anim. Behav.* 31(2):497-502. May 1983. WR 192
[Inst. Anim. Behav., Rutgers Univ., Newark, NJ 07102]

84-000596 Slade, Norman A. and Robert K. Swihart. HOME RANGE INDICES FOR THE HISPID COTTON RAT (*SIGMODON HISPIDUS*) IN NORTHEASTERN KANSAS. *J. Mammal.* 64(4):580-590. 25 Nov. 1983. WR 192
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045]

84-000597 Snyder, Lee R. G. SELECTION COMPONENTS AFFECTING HEMOGLOBINS IN *PEROMYSCUS MANICULATUS*: A RE-EVALUATION. *Evolution* 37(3):639-642. May 1983. WR 192
[Dep. Biol., Univ. Calif., Riverside 92521]

84-000598 Sokolov, V. E.; M. A. Serbenyuk and T. M. Galanina. [THE ROLE OF OLFACTORY SIGNALS IN SPECIES RECOGNITION IN *CLETHRIONOMYS GLAREOLUS*.] *Zool. Zh.* 62(10):1559-1570. Oct. 1983. In Russian with English summ. WR 192
[Inst. Anim. Evol., Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR]

84-000599 Sperber, Ivar; Göran Björnhag and Yvonne Ridderstråle. FUNCTION OF PROXIMAL COLON IN LEMMING AND RAT. *Swed. J. Agric. Res.* 13(4):243-256. 1983. WR 192
[Dep. Anim. Physiol., S-75007 Uppsala, Sweden] *Lemmus lemmus*.

84-000600 Stump, Warren Q., Jr. and Robert G. Anthony. USE OF EYE LENS PROTEIN FOR ESTIMATING AGE OF *MICROTUS PENNSYLVANICUS*. *J. Mammal.* 64(4):697-700. 25 Nov. 1983. WR 192
[School For. Resour., Pa. State Univ., University Park 16802]

84-000601 Tannenbaum, M. G. and E. B. Pivorun. DAILY TORPOR PATTERNS IN SOUTHERN *PEROMYSCUS* UNDER SEMI-NATURAL CONDITIONS. *Am. Zool.* 23(4):937. 1983. Abstract only. WR 192
[Clemson Univ., Clemson, SC] *P. maniculatus* and *P. leucopus*.

84-000602 Thompson, K. V. and J. A. Cranford. SOCIAL ENCOUNTERS BETWEEN UNFAMILIAR ADULT *TRICHOMYS APEREOIDES*. *Am. Zool.* 23(4):935. 1983. Abstract only. WR 192
[Va. Polytech. Inst. & State Univ., Blacksburg]

OTHER RODENTS (CONTINUED)

84-000603 Turner, Brian N.; Stuart L. Iverson and Kenneth L. Severson. SEASONAL CHANGES IN OPEN-FIELD BEHAVIOR IN WILD MALE MEADOW VOLES (*MICROTUS PENNSYLVANICUS*). *Behav. Neural Biol.* 39(1):60-77. Sept. 1983. WR 192
[Planning & Assessment Branch, Minist. Environ., Victoria, British Columbia, Canada V8V 1X5]

84-000604 Turner, C. M. R. INTERSPECIFIC INTERACTIONS BETWEEN BLOOD PARASITES IN RODENTS: A FIELD STUDY. *Parasitology* 87(2):xlviii-xlix. Oct. 1983. Abstract only. WR 192
[Dep. Zool., King's Coll. London, Strand, London WC2R 2LS, England] *Clethrionomys glareolus* and *Apodemus sylvaticus*.

84-000605 Van der Straeten, E. A NEW ETHIOPIAN SPECIES OF MURIDAE WITH NOTES ON *PRAOMYS ALBIPES*. *Afr. Small Mammal Newsl. Spec.* No. 4. p. 17. July 1981. Abstract only. WR 192
[Lab. Algemene Dierkunde, Groenenborgerlaan 171, B-2020 Antwerpen, Belgium] *Praomys albipes stenocephaler*.

84-000606 Van der Straeten, E. and W. N. Verheyen. NOUVELLES CAPTURES DE *LOPHUROMYS RAHMI* ET *DELANYMYS BROOKSI* EN RÉPUBLIQUE RWANDAISE. [NEW CAPTURES OF *LOPHUROMYS RAHMI* AND *DELANYMYS BROOKSI* IN THE RWANDA REPUBLIC.] *Mammalia* 47(3):426-429. 1983. In French. WR 192
[Rijksuniv. Cent., Lab. voor Algemene Dierkunde, Groenenborglaan 171, B-2020 Antwerpen, Belgium]

84-000607 Varona, Luis S. NUEVA SUBESPECIE DE JUTIA CONGA, *CAPROMYS PILORIDES* (RODENTIA: CAPROMYIDAE). [A NEW SUBSPECIES OF THE CONGA JUTIA, *CAPROMYS PILORIDES* (RODENTIA: CAPROMYIDAE).] *Caribb. J. Sci.* 19(3-4):77-79. Sept. 1983. In Spanish with English summ. WR 192
[Norte 29, Nuevo Vedado, Havana 6, Cuba] *Capromys pilorides gundlachianus* in Cuba.

84-000608 Vermeiren, L. SOME PRELIMINARY RESULTS OF A TAXONOMICAL REVISION OF THE GENUS *LEGGADA* (MAMMALIA, MURIDAE). SOUTHERN AFRICA. *Afr. Small Mammal Newsl. Spec.* No. 4. p. 19. July 1981. Abstract only. WR 192
[Lab. Algemene Dierkunde, Groenenborgerlaan 171, B-2020 Antwerpen, Belgium]

84-000609 Viro, Pirkko and Pentti Koskela. MOULT TOPOGRAPHY, MOULTING AND STRUCTURE OF THE FUR IN THE HARVEST MOUSE. *Acta Theriol.* 23(34):503-517. 1978. In English with Polish summ. WR 192
*Micromys minutus*.

84-000610 Walton, Dan W.; J. E. Brooks; U Maung Maung Tun and U Hla Naing. OBSERVATIONS ON REPRODUCTIVE ACTIVITY AMONG FEMALE *BANDICOTA BENGALENSIS* IN RANGOON. *Acta Theriol.* 23(33):489-501. 1978. In English with Polish summ. WR 192

84-000611 Wassif, Kamal and Sohail Soliman. FURTHER CONTRIBUTION TO TEETH WEAR AND AGE IN POPULATIONS OF *GERBILLUS ANDERSONI* (RODENTIA, CRICETIDAE) FROM THE WESTERN DESERT OF EGYPT. *Afr. Small Mammal Newsl. Spec.* No. 4.

OTHER RODENTS (CONTINUED)

84-000611 CONTINUED p. 23. July 1981. Abstract only. WR 192
[Dep. Zool., Fac. Sci., Ain Shams Univ., Abbassisa, Cairo, Egypt]

84-000612 Waters, Joseph H. and Carol A. Norris. PHENETIC RELATIONSHIPS OF MICE OF THE GENUS *PEROMYSCUS* IN PENNSYLVANIA. *Proc. Pa. Acad. Sci.* 57(1):117. 1983. Abstract only. WR 192
[Dep. Biol., Villanova Univ., Villanova, PA 19085]

84-000613 Watson, M.; F. V. Clulow and F. Mariotti. INFLUENCE OF OLFACTORY STIMULI ON PREGNANCY OF THE MEADOW VOLE, *MICROTUS PENNSYLVANICUS*, IN THE LABORATORY. *J. Mammal.* 64(4):706-708. 25 Nov. 1983. WR 192
[Dep. Biol., Laurentian Univ., Sudbury, Ontario, Canada P3E 2C6]

84-000614 Weber, Claude and Louis de Roguin. NOTES INÉDITES DE HENRI DE SAUSSURE SUR LES TYPES DE DEUX RONGEURS DU MEXIQUE: *MICROTUS M. MEXICANUS* (SAUSSURE) ET *REITHRODONTONYS S. SUMICHRASTI* (SAUSSURE). [UNPUBLISHED DATA BY HENRI DE SAUSSURE ON THE TYPE SPECIMENS OF TWO RODENTS FROM MEXICO: *MICROTUS M. MEXICANUS* (SAUSSURE) AND *REITHRODONTONYS S. SUMICHRASTI* (SAUSSURE).] *Rev. Suisse Zool.* 90(3):747-750. Sept. 1983. In French with English summ. WR 192
[Mus. Hist. Nat., C.P. 434, CH-1211 Geneva 6, Switzerland]

84-000615 Wilkins, Kenneth T. and Charles A. Woods. MODES OF MASTICATION IN POCKET GOPHERS. *J. Mammal.* 64(4):636-641. 25 Nov. 1983. WR 192
[Dep. Biol., Baylor Univ., Waco, TX 76798] *Geomys pinetis*, *Orthogeomys heterodus*, *O. cherrei*, and *Papogeomys gymnurus*.

84-000616 Williams, S. L.; L. W. Robbins and D. A. Schlitter. MORPHOLOGICAL VARIATION IN A NATURAL POPULATION OF *CRYPTOMYS* (RODENTIA: BATHYURGIDAE) FROM CAMEROON. *Afr. Small Mammal Newsl. Spec.* No. 4. p. 27. July 1981. Abstract only. WR 192

84-000617 Wolff, Jerry O. and Cynthia Van Cleef. SPECIES RECOGNITION AND BEHAVIORAL ISOLATION IN *PEROMYSCUS LEUCOPUS* AND *P. MANICULATUS*. *Va. J. Sci.* 34(3):137. 1983. Abstract only. WR 192
[Dep. Biol., Univ. Va., Charlottesville 22901]

84-000618 Wolff, Jerry O. and Raymond D. Dueser. COMPETITION BETWEEN *PEROMYSCUS LEUCOPUS* AND *P. MANICULATUS*. *Va. J. Sci.* 34(3):137. 1983. Abstract only. WR 192
[Dep. Biol., Univ. Va., Charlottesville 22901]

84-000619 Wolff, Jerry O. and Siobhan M. O'Connor. AGGRESSIVE BEHAVIOR IN *PEROMYSCUS LEUCOPUS* AND *P. MANICULATUS*. *Va. J. Sci.* 34(3):136. 1983. Abstract only. WR 192
[Dep. Environ. Sci., Univ. Va., Charlottesville 22901]

84-000620 Yates, Jon A. and Jeffrey P. Jorgenson. *DIPETALONEMA (ALAFILARIA) HYDROCHOERUS* SUBGEN. ET SP. N. (NEMATODA: FILARIOIDEA) FROM COLOMBIAN CAPYBARAS. *J. Parasitol.* 69(3):606-609. June 1983. WR 192

OTHER RODENTS (CONTINUED)

84-000620 CONTINUED
[Dep. Epidemiol., School Public Health, Univ. Mich., Ann Arbor 48109] *Hydrochoerus hydrochaeris.*

CARNIVORES--GENERAL

84-000621 Haynes, Gary. A GUIDE FOR DIFFERENTIATING MAMMALIAN CARNIVORE TAXA RESPONSIBLE FOR GNAW DAMAGE TO HERBIVORE LIMB BONES. *Paleobiology* 9(2):164-172. 1983. WR 192
[Natl. Mus. Nat. Hist., Washington, DC 20560]

84-000622 Landry, Stuart O. COMPARISON OF JAW MUSCLE USE AND SKULL SHAPE IN TWO TYPES OF CANINE USE IN CARNIVORES. *Am. Zool.* 23(4):1009. 1983. Abstract only. WR 192
[State Univ. N.Y., Binghamton]

CANIDS

84-000623 Alexander, Harold E. THE RED WOLF SAGA. *Arkansas Game Fish* 14(2):2-6. 1983. WR 192
*Canis rufus gregoryi* in Arkansas.

84-000624 Ballard, Neil B. and Frederick J. Vande Vusse. *ECHINOCOCCUS MULTIOCULARIS* IN ILLINOIS AND NEBRASKA. *J. Parasitol.* 69(4):790-791. Aug. 1983. WR 192
[Dep. Biol., Mankato State Univ., Mankato, MN 56001] *Vulpes vulpes.*

84-000625 Barrett, Reginald H. FOOD HABITS OF COYOTES, *CANIS LATRANS*, IN EASTERN TEHAMA COUNTY, CALIFORNIA. *Calif. Fish Game* 69(3):184-186. July 1983. WR 192
[Dep. For. & Resour. Manage, Univ. Calif., Berkeley 94720]

84-000626 Biben, Maxeen. COMPARATIVE ONTOGENY OF SOCIAL BEHAVIOUR IN THREE SOUTH AMERICAN CANIDS, THE MANED WOLF, CRAB-EATING FOX AND BUSH DOG: IMPLICATIONS FOR SOCIALITY. *Anim. Behav.* 31(3):814-826. Aug. 1983. WR 192
[Lab. Developmental Neurobiol., NICHD, Bldg. 36, Room 2A21, NIH, Bethesda, MD 20205] *Speothos venaticus, Cerdocyon thous,* and *Chrysocyon brachyurus.*

84-000627 Biben, Maxeen. URINE-MARKING DURING AGONISTIC ENCOUNTERS IN THE BUSH DOG (*SPEOTHOS VENATICUS*). *Zoo Biol.* 1(4):359-362. 1982. WR 192
[Bldg. 36, Rm 2A21, Natl. Inst. Health, Bethesda, MD 20205]

84-000628 Burns, Richard J. MICROENCAPSULATED LITHIUM CHLORIDE BAIT AVERSION DID NOT STOP COYOTE PREDATION ON SHEEP. *J. Wildl. Manage.* 47(4):1010-1017. Oct. 1983. WR 192
[U.S. Fish & Wildl. Serv., Denver Wildl. Res. Cent., Utah State Univ., UMC 52, Logan 84322] *Canis latrans* in Utah.

CANIDS (CONTINUED)

84-000629 Golightly, Richard T., Jr. and Robert D. Ohmart. METABOLISM AND BODY TEMPERATURE OF TWO DESERT CANIDS: COYOTES AND KIT FOXES. *J. Mammal.* 64(4):624-635. 25 Nov. 1983. WR 192
[Dep. Wildl., Humboldt State Univ., Arcata, CA 95521] *Canis latrans* and *Vulpes macrotis.*

84-000630 Hopkins, David D.; Richard B. Forbes and Robert Gresbrink. AGES AND SEX RATIOS OF COYOTES TRAPPED IN OREGON. *Murrelet* 64(2):60-61. 1983. WR 192
[Dep. Biol., P.O. Box 751, Portland State Univ., Portland, OR 97207] *Canis latrans.*

84-000631 Horn, Steven W. AN EVALUATION OF PREDATORY SUPPRESSION IN COYOTES USING LITHIUM CHLORIDE-INDUCED ILLNESS. *J. Wildl. Manage.* 47(4):999-1009. Oct. 1983. WR 192
[Dep. Zool.-Entomol., Colo. State Univ., Fort Collins 80523] *Canis latrans* in Colorado.

84-000632 Jaksić, Fabian M.; José L. Yáñez and Jaime R. Rau. TROPHIC RELATIONS OF THE SOUTHERNMOST POPULATIONS OF *DUSICYON* IN CHILE. *J. Mammal.* 64(4):693-697. 25 Nov. 1983. WR 192
[Dep. Biol. Ambiental, Pontificia Univ., Católica de Chile, Casilla 114-D, Santiago, Chile] *D. griseus, D. culpaeus,* and *D. fulvipes.*

84-000633 Jelinski, D. E.; R. C. Rounds and J. R. Jowsey. COYOTE PREDATION ON SHEEP, AND CONTROL BY AVERSIVE CONDITIONING IN SASKATCHEWAN. *J. Range Manage.* 36(1):16-19. Jan. 1983. WR 192
[Dep. Geogr., Univ. Calgary, Calgary, Alberta, Canada T2N 1N4] *Canis latrans* in Canada.

84-000634 Keymer, I. F.; S. E. Heath and J. G. P. Wood. *STREPTOCOCCUS SUIS* TYPE II INFECTION IN A RACCOON DOG (*NYCTEREUTES PROCYONOIDES*) FAMILY CANIDAE. *Vet. Rec.* 113(26/27):624. 24/31 Dec. 1983. WR 192
[MAFF, Vet. Inst. Cent., Jupiter Rd., Norwich, England]

84-000635 Lüps, Peter and Alexander I. Wandeler. METRISCHE UNTERSUCHUNGEN AN FÜCHSEN (*VULPES VULPES* L.) AUS DEM SCHWEIZERISCHEN MITTELLAND. [WEIGHT AND SIZE VARIATION IN FOXES (*VULPES VULPES* L.) FROM SWISS MIDLANDS.] *Zool. Anz.* 211(5/6):285-298. 1983. In German with English summ. WR 192
[Naturhist. Mus., Bernastr. 15, CH-3005 Bern, Switzerland]

84-000636 Lohding, A. SIDE-STRIPED JACKAL. *EANHS (East Afr. Nat. Hist. Soc.) Bull.* p. 34. May/June 1983. WR 192
[Lolgorien Box 93, Kilgoris, Kenya] *Canis adustus* in Kenya.

84-000637 Mac Donald, Kevin B. ACTIVITY PATTERNS IN A CAPTIVE WOLF PACK. *Carnivore* 3(1):62-64. Mar. 1980. WR 192
[Dep. Behav. Sci., Univ. Conn., Storrs 06268] *Canis lupus.*

CANIDS (CONTINUED)

84-000638 Malcolm, J. R. PATERNAL CARE IN CANIDS. *Am. Zool.* 23(4):912. 1983. Abstract only. WR 192

84-000639 McCormick, A. E. CANINE DISTEMPER IN AFRICAN CAPE HUNTING DOGS (*LYCAON PICTUS*)--POSSIBLY VACCINE INDUCED. *J. Zoo Anim. Med.* 14(2):66-71. June 1983. WR 192
[Catskill Anim. Hospital, Catskill, NY 12414]

84-000640 Schwartz, Charles C.; Robert Stephenson and Nixon Wilson. *TRICHODECTES CANIS* ON THE GRAY WOLF AND COYOTE ON KENAI PENINSULA, ALASKA. *J. Wildl. Dis.* 19(4):372-373. Oct. 1983. WR 192
[Dep. Fish & Game, Moose Res. Cent., P.O. Box 3150, Soldonta, AK 99669] *Canis lupus* and *C. latrans*.

84-000641 Sterling, Bruce; Walt Conley and Marsha Reeves Conley. SIMULATIONS OF DEMOGRAPHIC COMPENSATION IN COYOTE POPULATIONS. *J. Wildl. Manage.* 47(4):1177-1181. Oct. 1983. WR 192
[5409 Mainview, Missoula, MT 59803] *Canis latrans*.

84-000642 Stevens, P. L. WILD DOGS IN VICTORIA. *Trees Victoria's Resour.* 23(2):18-19. 1981. From Ecol. Abstr. 1982/6:82L/8534. 1982. WR 192
*Canis familiaris*.

84-000643 Till, James A. and Frederick F. Knowlton. EFFICACY OF DENNING IN ALLEVIATING COYOTE DEPREDATIONS UPON DOMESTIC SHEEP. *J. Wildl. Manage.* 47(4):1018-1025. Oct. 1983. WR 192
[Dep. Fish & Wildl., Utah State Univ., UMC 52, Logan 84322] *Canis latrans* in Wyoming.

84-000644 von Schantz, Torbjörn. PREY CONSUMPTION OF A RED FOX POPULATION IN SOUTHERN SWEDEN. *Biogeographica* 18:53-64. 1980. WR 192
[Dep. Anim. Ecol., Univ. Lund, S-223 62 Lund, Sweden] *Vulpes vulpes*.

84-000645 Weber, Darius. LAGE UND VERTEILUNG DER FUCHSBAUE IN VERSCHIEDENEN LANDSCHAFTEN DES SAARLANDES. [SITE AND DISTRIBUTION OF FOX DENS IN DIFFERENT HABITS OF THE SAARLAND, SOUTH-WEST FEDERAL REPUBLIC OF GERMANY.] *Zool. Anz.* 211(3/4):237-263. 1983. In German with English summ. WR 192
[Lehrstuhl Biogeogr., Univ. Saarlandes, Saarbrücken, West Germany] *Vulpes vulpes*.

84-000646 Wobeser, G.; W. Runge and R. R. Stewart. *METORCHIS CONJUNCTUS* (COBBOLD, 1860) INFECTION IN WOLVES (*CANIS LUPUS*), WITH PANCREATIC INVOLVEMENT IN TWO ANIMALS. *J. Wildl. Dis.* 19(4):353-356. Oct. 1983. WR 192
[Dep. Vet. Pathol., Western Coll. Vet. Med., Univ. Saskatchewan, Saskatoon, Saskatchewan, Canada S7N 0W0]

BEARS

84-000647 Aquilina, Gerald D. STIMULATION OF MATERNAL BEHAVIOUR IN THE SPECTACLED BEAR *TREMARCTOS ORNATUS* AT BUFFALO ZOO. *Int. Zoo Yearb.* 21:143-145. 1981. WR 192
[Buffalo Zool. Gardens, Buffalo, NY]

84-000648 Bacon, Ellis S. and Gordon M. Burghardt. FOOD PREFERENCE TESTING OF CAPTIVE BLACK BEARS. *Bear Biol. Assoc. Conf. Ser.* 4:102-105. 1983. WR 192
[Univ. Tenn., Route #1, Tallassee 37878] *Ursus americanus.*

84-000649 Beechman, John J.; Doyle G. Reynolds and Maurice G. Hornocker. BLACK BEAR DENNING ACTIVITIES AND DEN CHARACTERISTICS IN WEST-CENTRAL IDAHO. *Bear Biol. Assoc. Conf. Ser.* 4:79-86. 1983. WR 192
[Dep. Fish & Game, 109 W. 44th, Boise, ID 83704] *Ursus americanus.*

84-000650 Blanchard, Bonnie M. GRIZZLY BEAR--HABITAT RELATIONSHIPS IN THE YELLOWSTONE AREA. *Bear Biol. Assoc. Conf. Ser.* 4:118-123. 1983. WR 192
[P.O. Box 1376, Bozeman, MT 59715] *Ursus arctos.*

84-000651 Bunnell, Fred L. and Tony Hamilton. FORAGE DIGESTIBILITY AND FITNESS IN GRIZZLY BEARS. *Bear Biol. Assoc. Conf. Ser.* 4:179-185. 1983. WR 192
[Fac. For., Univ. British Columbia, Vancouver, British Columbia, Canada V6T 1W5] *Ursus arctos.*

84-000652 Burst, Tom L. and Michael R. Pelton. BLACK BEAR MARK TREES IN THE SMOKY MOUNTAINS. *Bear Biol. Assoc. Conf. Ser.* 4:45-53. 1983. WR 192
[Dep. For. Wildl. & Fish, Univ. Tenn., Knoxville 37916] *Ursus americanus* in Tennessee and North Carolina.

84-000653 Chu Ching and Long Zhi. [THE VICISSITUDES OF THE GIANT PANDA.] *Acta Zool. Sin.* 29(1):93-104. 1983. In Chinese with English summ. WR 192
*Ailuropoda* spp. in China.

84-000654 Cushing, Bruce S. RESPONSES OF POLAR BEARS TO HUMAN MENSTRUAL ODORS. *Bear Biol. Assoc. Conf. Ser.* 4:270-274. 1983. WR 192
[Dep. Zool., Mich. State Univ., East Lansing 48824] *Ursus maritimus* in Canada.

84-000655 Demaster, Douglas P. and Ian Stirling. THE ESTIMATION OF SURVIVAL AND LITTER SIZE OF POLAR BEAR CUBS. *Bear Biol. Assoc. Conf. Ser.* 4:260-263. 1983. WR 192
[N.M.F.S., P.O. Box 271, La Jolla, CA 92038] *Ursus maritimus.*

84-000656 Eagle, Thomas C. and Michael R. Pelton. SEASONAL NUTRITION OF BLACK BEARS IN THE GREAT SMOKY MOUNTAINS NATIONAL PARK. *Bear Biol. Assoc. Conf. Ser.* 4:94-101. 1983. WR 192
[Dep. Entomol., Fish. & Wildl., Univ. Minn., St. Paul 55108] *Ursus americanus* in Tennessee and North Carolina.

BEARS (CONTINUED)

84-000657 Garshelis, David L.; Howard B. Quigley; Charles R. Villarrubia and Michael R. Pelton. DIEL MOVEMENTS OF BLACK BEARS IN THE SOUTHERN APPALACHIANS. *Bear Biol. Assoc. Conf. Ser.* 4:11-19. 1983. WR 192
[Dep. Entomol., Fish & Wildl., Univ. Minn., St. Paul 55108] *Ursus americanus* in Tennessee.

84-000658 Graber, David M. and Marshall White. BLACK BEAR FOOD HABITS IN YOSEMITE NATIONAL PARK. *Bear Biol. Assoc. Conf. Ser.* 4:1-10. 1983. WR 192
[Sequoia & Kings Canyon Natl. Parks, Three Rivers, CA 93271] *Ursus americanus* in California.

84-000659 Grenfell, William E., Jr. and Allan J. Brody. SEASONAL FOODS OF BLACK BEARS IN TAHOE NATIONAL FOREST, CALIFORNIA. *Calif. Fish Game* 69(3):132-150. July 1983. WR 192
[Calif. Dep. Fish & Game, 1701 Nimbus Rd., Rancho Cordova 95670] *Ursus americanus*.

84-000660 Hansson, Rasmus and John Thomassen. BEHAVIOR OF POLAR BEARS WITH CUBS IN THE DENNING AREA. *Bear Biol. Assoc. Conf. Ser.* 4:246-254. 1983. WR 192
[Inst. Zool., Univ. Trondheim, N-7000 Trondheim, Norway] *Ursus maritimus* in Norway.

84-000661 Herrero, Stephen. SOCIAL BEHAVIOUR OF BLACK BEARS AT A GARBAGE DUMP IN JASPER NATIONAL PARK. *Bear Biol. Assoc. Conf. Ser.* 4:54-70. 1983. WR 192
[Fac. Environ. Design, Univ. Calgary, Calgary, Alberta, Canada T2N 1N4] *Ursus americanus* in Canada.

84-000662 Hoak, John H.; Tim W. Clark and John L. Weaver. OF GRIZZLY BEARS AND COMMERCIAL OUTFITTERS IN BRIDGER-TETON NATIONAL FOREST, WYOMING. *Bear Biol. Assoc. Conf. Ser.* 4:110-117. 1983. WR 192
[Western Environ. Res. Assoc., P.O. Box 4794, Pocatello, ID 83209] *Ursus arctos horribilis*.

84-000663 Jope, Katherine L. McArthur. HABITUATION OF GRIZZLY BEARS TO PEOPLE: A HYPOTHESIS. *Bear Biol. Assoc. Conf. Ser.* 4:322-327. 1983. WR 192
[Katmai Natl. Park, P.O. Box 7, King Salmon, AK 99613] *Ursus arctos* in Montana.

84-000664 Jorgensen, Carole J. BEAR-SHEEP INTERACTIONS, TARGHEE NATIONAL FOREST. *Bear Biol. Assoc. Conf. Ser.* 4:191-200. 1983. WR 192
[U.S. Bur. Land Manage., P.O. Box 670, Rawlins, WY 82301] *Ursus americanus* and *U. arctos* in Wyoming and Idaho.

84-000665 Keay, Jeffrey A. and Jan W. Van Wagtendonk. EFFECT OF YOSEMITE BACKCOUNTRY USE LEVELS ON INCIDENTS WITH BLACK BEARS. *Bear Biol. Assoc. Conf. Ser.* 4:307-311. 1983. WR 192

BEARS (CONTINUED)

84-000665 CONTINUED
[U.S. Natl. Park Serv., Yosemite Natl. Park, CA 95289] *Ursus americanus* in California.

84-000666 Kendall, Katherine C. USE OF PINE NUTS BY GRIZZLY AND BLACK BEARS IN THE YELLOWSTONE AREA. *Bear Biol. Assoc. Conf. Ser.* 4:166-173. 1983. WR 192
[Res. Office, Glacier Natl. Park, West Glacier, MT 59936] *Ursus arctos* and *U. americanus* in Wyoming.

84-000667 Kingsley, M. C. S.; J. A. Nagy and R. H. Russell. PATTERNS OF WEIGHT GAIN AND LOSS FOR GRIZZLY BEARS IN NORTHERN CANADA. *Bear Biol. Assoc. Conf. Ser.* 4:174-178. 1983. WR 192
[Arctic Manage. Res., Dep. Fish. & Oceans, Winnipeg, Manitoba, Canada R3J 2N6] *Ursus arctos.*

84-000668 Knight, Richard R. and Steven L. Judd. GRIZZLY BEARS THAT KILL LIVESTOCK. *Bear Biol. Assoc. Conf. Ser.* 4:186-190. 1983. WR 192
[P.O. Box 1376, Bozeman, MT 59715] *Ursus arctos* in Wyoming.

84-000669 Kolenosky, George B. and J. Paul Prevett. PRODUCTIVITY AND MATERNITY DENNING OF POLAR BEARS IN ONTARIO. *Bear Biol. Assoc. Conf. Ser.* 4:238-245. 1983. WR 192
[Minist. Nat. Resour., Wildl. Res. Sect., P.O. Box 50, Maple, Ontario, Canada LOJ 1E0] *Ursus maritimus* in Canada.

84-000670 Larsen, Thor; Charles Jonkel and Christian Vibe. SATELLITE RADIO-TRACKING OF POLAR BEARS BETWEEN SVALBARD AND GREENLAND. *Bear Biol. Assoc. Conf. Ser.* 4:230-237. 1983. WR 192
[Norsk Polarinst. Rolfstangvn 12, 1330 Oslo Luthavn, Norway] *Ursus maritimus.*

84-000671 LeCount, Albert L. DENNING ECOLOGY OF BLACK BEARS IN CENTRAL ARIZONA. *Bear Biol. Assoc. Conf. Ser.* 4:71-78. 1983. WR 192
[Game & Fish Dep., Phoenix, AZ 85023] *Ursus americanus.*

84-000672 Lindzey, James S.; Gary L. Alt; Craig R. McLaughlin and Walter S. Kordek. POPULATION RESPONSE OF PENNSYLVANIA BLACK BEARS TO HUNTING. *Bear Biol. Assoc. Conf. Ser.* 4:34-39. 1983. WR 192
[Coop. Wildl. Res. Unit, Pa. State Univ., 113 Ferguson Bldg., University Park 16802] *Ursus americanus.*

84-000673 Manville, Albert M. II. HUMAN IMPACT ON THE BLACK BEAR IN MICHIGAN'S LOWER PENINSULA. *Bear Biol. Assoc. Conf. Ser.* 4:20-33. 1983. WR 192
[Boone & Crockett Club, 205 S. Patrick St., Alexandria, VA 22314] *Ursus americanus.*

BEARS (CONTINUED)

84-000674 Martin, P. FACTORS INFLUENCING GLOBE HUCKLEBERRY FRUIT PRODUCTION IN NORTHWESTERN MONTANA. *Bear Biol. Assoc. Conf. Ser.* 4:159-165. 1983. WR 192
[Box 651, Glennallen, AK 99588] *Ursus arctos horribilis.*

84-000675 Martin, Sandra K. and Charles J. Jonkel. USE OF SEA ICE HABITAT BY POLAR BEARS. *Bear Biol. Assoc. Conf. Ser.* 4:255-259. 1983. WR 192
[Dep. For. & Resour. Manage., Univ. Calif., Berkeley 94720] *Ursus maritimus* in Canada.

84-000676 Meagher, Mary and Jerry R. Phillips. RESTORATION OF NATURAL POPULATIONS OF GRIZZLY AND BLACK BEARS IN YELLOWSTONE NATIONAL PARK. *Bear Biol. Assoc. Conf. Ser.* 4:152-158. 1983. WR 192
[U.S. Natl. Park Serv., P.O. Box 168, Yellowstone Natl. Park, WY 82190] *Ursus arctos* and *U. americanus* in Wyoming.

84-000677 Meslow, E. Charles, editor. BEARS--THEIR BIOLOGY AND MANAGEMENT. A SELECTION OF PAPERS FROM THE CONFERENCE HELD AT MADISON, WISCONSIN, FEBRUARY 1980. *Int. Assoc. Bear Res. Manage.* 328p. 1983. Available from Clifford J. Martinka, Glacier Natl. Park, West Glacier, MT 59936. Price $28.00. WR 192
*Ursus* spp., *Selenarctos thibetanus japonicus.*

84-000678 Miller, Gary D. RESPONSES OF CAPTIVE GRIZZLY AND POLAR BEARS TO POTENTIAL REPELLENTS. *Bear Biol. Assoc. Conf. Ser.* 4:275-279. 1983. WR 192
[Dep. Biol., Univ. N.M., Albuquerque 87131] *Ursus arctos horribilis* and *U. maritimus* in Canada.

84-000679 Mysterud, Ivar. CHARACTERISTICS OF SUMMER BEDS OF EUROPEAN BROWN BEARS IN NORWAY. *Bear Biol. Assoc. Conf. Ser.* 4:208-222. 1983. WR 192
[Zool. Inst., Univ. Oslo, P.O. Box 1050, Blindern, Oslo 3, Norway] *Ursus arctos arctos.*

84-000680 Nelson, Ralph A.; G. Edgar Folk, Jr.; Egbert W. Pfeiffer; John J. Craighead; Charles J. Jonkel and Dianne L. Steiger. BEHAVIOR, BIOCHEMISTRY, AND HIBERNATION IN BLACK, GRIZZLY, AND POLAR BEARS. *Bear Biol. Assoc. Conf. Ser.* 4:284-290. 1983. WR 192
[Carle Foundation Hospital, Coll. Med., Univ. Ill., Urbana 61801] *Ursus maritimus, U. americanus,* and *U. arctos horribilis.*

84-000681 Nozaki, Eikichi; Shigeru Azuma; Toshiki Aoi; Harumi Torii; Tetsuro Ito and Kishio Maeda. FOOD HABITS OF JAPANESE BLACK BEAR. *Bear Biol. Assoc. Conf. Ser.* 4:106-109. 1983. WR 192
[Hakusan Nat. Conserv. Cent., Chugu Yoshinodani, Ishikawa, Japan 920-24] *Selenarctos thibetanus japonicus.*

BEARS (CONTINUED)

84-000682 O'Pezio, John; Stephen H. Clarke and Charles Hackford. CHRONOLOGY OF BLACK BEAR DENNING IN THE CATSKILL REGION OF NEW YORK. *Bear Biol. Assoc. Conf. Ser.* 4:87-94. 1983. WR 192
[Dep. Environ. Conserv., Wildl. Res. Cent., Delmar, NY 12054] *Ursus americanus.*

84-000683 Palumbo, P. J.; Dianne L. Wellik; Nancy A. Bagley and Ralph A. Nelson. INSULIN AND GLUCAGON RESPONSES IN THE HIBERNATING BLACK BEAR. *Bear Biol. Assoc. Conf. Ser.* 4:291-296. 1983. WR 192
[Mayo Clinic, Mayo Med. School, Rochester, MN 55905] *Ursus americanus.*

84-000684 Roth, Hans U. DIEL ACTIVITY OF A REMNANT POPULATION OF EUROPEAN BROWN BEARS. *Bear Biol. Assoc. Conf. Ser.* 4:223-229. 1983. WR 192
[Dep. Morphol. & Biol. Vertebr., Inst. Zool., Univ. Bern, Bern, Switzerland] *Ursus arctos* in Italy.

84-000685 Schleyer, Bart Otis. ACTIVITY PATTERNS OF GRIZZLY BEARS IN THE YELLOWSTONE ECOSYSTEM AND THEIR REPRODUCTIVE BEHAVIOR, PREDATION AND THE USE OF CARRION. *M.S. thesis, Mont. State Univ.* 130p. May 1983. WR 192
*Ursus arctos.*--Courtesy/Robert L. Eng.

84-000686 Servheen, Christopher. GRIZZLY BEAR FOOD HABITS, MOVEMENTS, AND HABITAT SELECTION IN THE MISSION MOUNTAINS, MONTANA. *J. Wildl. Manage.* 47(4):1026-1035. Oct. 1983. WR 192
[Coop. Wildl. Res. Unit, Univ. Mont., Missoula 59812] *Ursus arctos horribilis.*

84-000687 Servheen, Christopher and Robert Klaver. GRIZZLY BEAR DENS AND DENNING ACTIVITY IN THE MISSION AND RATTLESNAKE MOUNTAINS, MONTANA. *Bear Biol. Assoc. Conf. Ser.* 4:201-207. 1983. WR 192
[U.S. Fish & Wildl. Serv., HS105D, Univ. Mont., Missoula 59812] *Ursus arctos horribilis.*

84-000688 Shaffer, Mark L. DETERMINING MINIMUM VIABLE POPULATION SIZES FOR THE GRIZZLY BEAR. *Bear Biol. Assoc. Conf. Ser.* 4:133-139. 1983. WR 192
[Office Migratory Bird Manage., U.S. Fish & Wildl. Serv., Washington, DC 20240] *Ursus arctos.*

84-000689 Smith, Jane Kapler. BIMS--THE BEAR REPORTING NETWORK FOR THE NATIONAL PARK SERVICE. *Bear Biol. Assoc. Conf. Ser.* 4:297-301. 1983. WR 192
[Dep. For. & Wood Sci., Colo. State Univ., Fort Collins 80523] *Ursus* spp.

84-000690 Stringham, Stephen F. ROLES OF ADULT MALES IN GRIZZLY BEAR POPULATION BIOLOGY. *Bear Biol. Assoc. Conf. Ser.* 4:140-151. 1983. WR 192
[Ecol. Program, Univ. Tenn., Knoxville 37996] *Ursus arctos.*

BEARS (CONTINUED)

84-000691 Tate, Jane and Michael R. Pelton. HUMAN-BEAR INTERACTIONS IN GREAT SMOKY MOUNTAINS NATIONAL PARK. *Bear Biol. Assoc. Conf. Ser.* 4:312-321. 1983. WR 192
[Univ. Tenn., Knoxville 37916] *Ursus americanus* in Tennessee and North Carolina.

84-000692 Tate, Jane. A PROFILE OF PANHANDLING BLACK BEARS IN THE GREAT SMOKY MOUNTAINS NATIONAL PARK. *Ph.D. dissertation, Univ. Tenn.* 208p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):1001. Oct. 1983. WR 192
*Ursus americanus.*

84-000693 Williamson, James F., Jr. and James B. Whelan. COMPUTER-ASSISTED HABITAT MAPPING FOR BLACK BEAR MANAGEMENT IN SHENANDOAH NATIONAL PARK. *Bear Biol. Assoc. Conf. Ser.* 4:302-306. 1983. WR 192
[U.S. Fish & Wildl. Serv., 2629 Redwing Rd., Fort Collins, CO 80526] *Ursus americanus* in Virginia.

84-000694 Wooldridge, Donald R. POLAR BEAR ELECTRONIC DETERRENT AND DETECTION SYSTEMS. *Bear Biol. Assoc. Conf. Ser.* 4:264-269. 1983. WR 192
[Quintette Coal Ltd., 1508 102nd Ave., Dawson Creek, British Columbia, Canada V1G 2E2] *Ursus maritimus.*

84-000695 Worley, David E.; Kenneth R. Greer and Dan Palmisciano. POSSIBLE RELATIONSHIPS BETWEEN TRICHINELLOSIS AND ABNORMAL BEHAVIOR IN BEARS. *Bear Biol. Assoc. Conf. Ser.* 4:280-283. 1983. WR 192
[Vet. Res. Lab., Mont. State Univ., Bozeman 59717] *Ursus arctos* and *U. americanus* in Montana and Wyoming.

84-000696 Zager, Peter. GRIZZLY BEARS IN IDAHO'S SELKIRK MOUNTAINS: AN UPDATE. *Northwest Sci.* 57(4):299-309. Nov. 1983. WR 192
[Biol. Dep., Muskingum Coll., New Concord, OH 43762] *Ursus arctos horribilis.*

RACCOONS, RINGTAIL, AND COATI

84-000697 Conway, Kevin. SUPPLEMENTAL FEEDING OF MATERNALLY REARED RED PANDAS *AILURUS FULGENS. Int. Zoo Yearb.* 21:236-240. 1981. WR 192
[Natl. Zool. Park, Conserv. & Res. Cent., Front Royal, VA 22630]

84-000698 Dick, Terry A. INFECTIVITY OF ISOLATES OF *TRICHINELLA* AND THE ABILITY OF AN ARCTIC ISOLATE TO SURVIVE FREEZING TEMPERATURES IN THE RACCOON, *PROCYON LOTOR*, UNDER EXPERIMENTAL CONDITIONS. *J. Wildl. Dis.* 19(4):333-336. Oct. 1983. WR 192
[Dep. Zool., Univ. Manitoda, Winnipeg, Manitoba, Canada R3T 2N2]

84-000699 Fleming, A. A. PREFERENTIAL FEEDING BY RACCOONS ON MAIZE. *Ga. J. Sci.* 41(4):109-114. Sept. 1983. WR 192
[Dep. Agronomy, Univ. Ga., Athens 30602] *Procyon lotor.*

RACCOONS, RINGTAIL, AND COATI (CONTINUED)

84-000700 Friesen, Victor C. FURTHER SASKATCHEWAN RACCOON SIGHTINGS. *Blue Jay* 41(4):223. Dec. 1983. WR 192
[P.O. Box 65, Rosthern, Saskatchewan, Canada S0K 3R0] *Procyon lotor* in Canada.

84-000701 Jones, Edwin J. and Burd S. McGinnes. DISTRIBUTION OF ADULT *BAYLISASCARIS PROCYONIS* IN RACCOONS FROM VIRGINIA. *J. Parasitol.* 69(4):653. Aug. 1983. WR 192
[Dep. Fish. & Wildl. Sci., Va. Polytech. Inst. & State Univ., Blacksburg 24061] *Procyon lotor.*

84-000702 Kaufman, John H. COATIS IN THE CANYONS. *Anim. Kingdom* 86(6):38-42. Dec. 1983-Jan. 1984. WR 192
*Nasua narica* in the United States.

84-000703 Mugaas, J. N.; E. Broudy and J. Seidensticker. METABOLISM OF MALE RACCOONS, *PROCYON LOTOR*, IN SUMMER. *Am. Zool.* 23(4):937. 1983. Abstract only. WR 192
[W. Va. School Osteopathic Med., Lewisburg]

84-000704 Platt, K. B.; D. L. Graham and R. A. Faaborg. PSEUDORABIES: EXPERIMENTAL STUDIES IN RACCOONS WITH DIFFERENT VIRUS STRAINS. *J. Wildl. Dis.* 19(4):297-301. Oct. 1983. WR 192
[Dep. Vet. Microbiol. & Preventive Med., Iowa State Univ., Ames 50011] *Procyon lotor.*

84-000705 Rabinowitz, Alan; Sharon Patton and Vicki Major. TICKS FROM RACCOONS OF CADES COVE, GREAT SMOKY MOUNTAINS NATIONAL PARK. *J. Tenn. Acad. Sci.* 58(3&4):29. July-Oct. 1983. WR 192
[Univ. Tenn., Knoxville 37901] *Procyon lotor* in Tennessee.

84-000706 Roberts, Miles. DEMOGRAPHIC TRENDS IN A CAPTIVE POPULATION OF RED PANDAS (*AILURUS FULGENS*). *Zoo Biol.* 1(2):119-126. 1982. WR 192
[Dep. Zool. Res., Natl. Zool. Park, Smithsonian Inst., Washington, DC 20008]

84-000707 Sharples, Alan. BREEDING THE COATI MUNDI AT THE ATLANTA ZOO. *Anim. Keepers' Forum* 10(11):337-338. Nov. 1983. WR 192
*Nasua nasua.*

84-000708 Sherfy, Frederick C. and Jospeh A. Chapman. SEASONAL HOME RANGE AND HABITAT UTILIZATION OF RACCOONS IN MARYLAND. *Carnivore* 3(3):8-18. Nov. 1980. WR 192
[Cent. Environ. & Estuarine Studies, Frostburg, MD 21532] *Procyon lotor.*

MUSTELIDS

84-000709 Ames, Jack A.; Robert A. Hardy and Fredrich E. Wendell. TAGGING MATERIALS AND METHODS FOR SEA OTTERS, *ENHYDRA LUTRIS*. *Calif. Fish Game* 69(4):243-252. Oct. 1983. WR 192

MUSTELIDS (CONTINUED)

84-000709 CONTINUED
[Calif. Dep. Fish & Game, Mar. Resour. Branch, 2201 Garden Rd., Monterey 93940]

84-000710 Belyaev, D. K. and G. K. Isakova. [SPONTANEOUS CHIMERAS AT THE EARLY POSTNATAL PERIOD IN MINK.] *Genetika* 19(9):1539-1544. 1983. In Russian with English summ. WR 192
[Inst. Cytol. & Genet., Acad. Sci. USSR, Siberian Div., Novosibirsk, USSR] *Mustela vison.*

84-000711 Byrne, Aidan; Lucius L. Stebbins and Lloyd Delude. A NEW KILLING TECHNIQUE OF THE LONG-TAILED WEASEL. *Acta Theriol.* 23(6):127-143. 1978. In English. WR 192
*Mustela frenata.*

84-000712 Cholley, B. LA FOUINE (*MARTES FOINA*) ET LA MARTRE (*MARTES MARTES*) EN CORSE? [STONE MARTEN (*MARTES FOINA*) AND PINE MARTEN (*MARTES MARTES*) IN CORSICA?] *Mammalia* 47(3):424-425. 1983. In French. WR 192
[Cent. Ornithol., Region Ile-de-France, Lab. Faune Sauvage, C.N.R.Z., 78350 Jouy-en-Josas, France]

84-000713 Debrot, Sylvain. FLUCTUATIONS DE POPULATIONS CHEZ L'HERMINE (*MUSTELA ERMINEA* L.). [FLUCTUATIONS OF POPULATIONS IN THE STOAT (MUSTELA (*MUSTELA ERMINEA*).] *Mammalia* 47(3):323-332. 1983. In French with English summ. WR 192
[Inst. Zool., Univ. Fribourg, Pérolles, CH-1700 Fribourg, Switzerland]

84-000714 Debrot, Sylvain and Claude Mermod. THE SPATIAL AND TEMPORAL DISTRIBUTION PATTERN OF THE STOAT (*MUSTELA ERMINEA* L.). *Oecologia (Berl.)* 59(1):69-73. Aug. 1983. WR 192
[Inst. Zool., Univ. Fribourg, Fribourg, Switzerland]

84-000715 Dunstone, Nigel. SWIMMING AND DIVING BEHAVIOR OF THE MINK (*MUSTELA VISON* SCHREBER). *Carnivore* 3(1):56-61. Mar. 1980. WR 192
[Dep. Zool., Univ. Durham Sci. Lab., South Rd., Durham DH1 3LE, England]

84-000716 Garshelis, David L. and Donald B. Siniff. EVALUATION OF RADIO-TRANSMITTER ATTACHMENTS FOR SEA OTTERS. *Wildl. Soc. Bull.* 11(4):378-383. 1983. WR 192
[Dep. Fish & Wildl., Univ. Minn., St. Paul 55108] *Enhydra lutris* in Alaska.

84-000717 Hart, E. Blake and Michael Trumbo. WINTER STOMACH CONTENTS OF SOUTH DAKOTA BADGERS. *Great Basin Nat.* 43(3):492-493. 31 July 1983. WR 192
[Dep. Math., Nat. Sci. & Health Profesions, North. State Coll., Aberdeen, SD 57401] *Taxidea taxus.*

MUSTELIDS (CONTINUED)

84-000718 Isakova, G. K. [KARYOLOGICAL EXAMINATION OF EARLY MINK EMBRYOS.] *Genetika* 19(10):1742-1744. 1983. In Russian with English summ. WR 192
[Inst. Cytol. & Genetics, Acad. Sci. USSR, Novosibirsk, USSR] *Mustela vison.*

84-000719 Jameson, Ronald J. EVIDENCE OF BIRTH OF A SEA OTTER ON LAND IN CENTRAL CALIFORNIA. *Calif. Fish Game* 69(2):122-123. Apr. 1983. WR 192
[U.S. Fish & Wildl. Serv., P.O. Box 67, San Simeon, CA 93452] *Enhydra lutris.*

84-000720 Knaus, R. M.; N. Kinler and R. G. Linscombe. ESTIMATING RIVER OTTER POPULATIONS: THE FEASABILITY OF $^{65}Zn$ TO LABEL FECES. *Wildl. Soc. Bull.* 11(4):375-377. 1983. WR 192
[Nuclear Sci. Cent., La. State Univ., Baton Rouge 70803] *Lutra canadensis* in Louisiana.

84-000721 Müller-Peddinghaus, R. and G. Trautwein. STUDIES ON THE PATHOGENESIS OF ALEUTIAN DISEASE OF MINK. XII. IMMUNOPATHOLOGICAL DETERMINANTS OF IMMUNE COMPLEX GLOMERULONEPHRITIS. *Zentralbl. Veterinärmed. Reihe B* 30(7):487-501. Aug. 1983. In English with German, French, and Spanish summ. WR 192
[Kali-Chemie Pharma, Exp. Pathol., Hans-Böckler-Allee 20, D-3000 Hannover 1, West Germany]

84-000722 Monakhov, V. G. [AGE STRUCTURE OF THE SABLE (*MARTES ZIBELLINA*) POPULATIONS.] *Zool. Zh.* 62(9):1398-1406. Sept. 1983. In Russian with English summ. WR 192
[Ural Div. All-Union Inst. Hunting & Fur Farming, Sverdlovsk, USSR]

84-000723 Nelson, G. H. URINARY CALCULI IN TWO OTTERS (*AMBLYOCIX SERNARIA*). *J. Zoo Anim. Med.* 14(2):72-73. June 1983. WR 192
[Cape Coral, FL 33904]

84-000724 Okazaki, K.; R. Yanagawa and H. Kida. CONTACT INFECTION OF MINK WITH 5 SUBTYPES OF AVIAN INFLUENZA VIRUS. *Arch. Virol.* 77(2-4):265-269. 1983. WR 192
[Yanagawa: Dep. Hyg. & Microbiol., Fac. Vet. Med., Hokkaido Univ., Sapporo 060, Japan] *Mustela vison.*

84-000725 Ruprecht, Andrzej L. DENTITION VARIATIONS IN THE COMMON POLECAT IN POLAND. *Acta Theriol.* 23(12):239-245. 1978. In English with Polish summ. WR 192
*Mustela putorius.*

84-000726 Samuel, Michael D. and Theodore C. Foin. EXPLOITING SEA OTTER POPULATIONS: A SIMULATION ANALYSIS. *Ecol. Modelling* 20(4):297-309. Dec. 1983. WR 192
[Coll. For., Wildl. & Range Sci., Univ. Idaho, Moscow 83843] *Enhydra lutris.*

MUSTELIDS (CONTINUED)

84-000727 Shilo, R. A. and M. A. Tamarovskaya. THE GROWTH AND DEVELOPMENT OF WOLVERINES *GULO GULO* AT NOVOSIBIRSK ZOO. *Int. Zoo Yearb.* 21:146-147. 1981. WR 192
[Novosibirskii Zoopark, Novosibirsk, ul. Gogolya 15, West Siberia 630005, USSR]

84-000728 Sokolov, V. E. and V. V. Rozhnov. INFORMATION VALUE OF SCENT MARKERS OF MUSTELIDAE: URINE AND EXCREMENT OF *MUSTELA PUTORIUS* AND *MUSTELA VISON*. *Dokl. Biol. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 269(1-6):220-223. Sept. 1983. Translated from Dokl. Akad. Nauk SSSR 269(1):238-241. Mar. 1983. WR 192
[A.N. Severtsov Inst. Evol., Morphol., Anim. Ecol., Acad. Sci., Moscow, USSR]

84-000729 Spencer, Wayne D. and William J. Zielinski. PREDATORY BEHAVIOR OF PINE MARTENS. *J. Mammal.* 64(4):715-717. 25 Nov. 1983. WR 192
[Dep. Ecol. & Evol. Biol., Univ. Ariz., Tucson 85721]

84-000730 Spencer, Wayne D.; Reginald H. Barrett and William J. Zielinski. MARTEN HABITAT PREFERENCES IN THE NORTHERN SIERRA NEVADA. *J. Wildl. Manage.* 47(4):1181-1186. Oct. 1983. WR 192
[Dep. Ecol. & Evol. Biol., Univ. Ariz., Tucson 85721] *Martes americana* in California.

CATS

84-000731 Bossart, G. D. and G. Hubbell. OVARIAN PAPILLARY CYSTADENOCARCINOMA IN A JAGUAR (*PANTHERA ONCA*). *J. Zoo Anim. Med.* 14(2):73-76. June 1983. WR 192
[Dep. Pathol., Div. Comp. Pathol., Univ. Miami, School Med., P.O. Box 016960, Miami, FL 33101]

84-000732 Brown, David E. ON THE STATUS OF THE JAGUAR IN THE SOUTHWEST. *Southwest. Nat.* 28(4):459-460. 9 Dec. 1983. WR 192
[Ariz. Game & Fish Dep., Phoenix 85023] *Felis onca* in New Mexico and Arizona.

84-000733 Campbell, Lise. MOORLAND CHEETAH. *EANHS (East Afr. Nat. Hist. Soc.) Bull.* p. 34-35. May/June 1983. WR 192
[Box 14469, Nairobi, Kenya] *Acinonyx jubatus* in Kenya.

84-000734 Chubykina, N. L. and R. A. Shilo. A STUDY OF DIURNAL ACTIVITY RHYTHMS IN SNOW LEOPARDS AND LYNX *PANTHERA UNCIA* AND *FELIS LYNX* AT NOVOSIBIRSK ZOO. *Int. Zoo Yearb.* 21:193-196. 1981. WR 192
[Novosibirskii Zoopark, Novosibirsk, ul. Gogolya 15, West Siberia, 630005 USSR]

CATS (CONTINUED)

84-000735 Coman, B. T. and E. H. Jones. ECOLOGY OF FERAL CATS IN VICTORIA. *Trees Victoria's Resour.* 23(2):20-21. 1981. From Ecol. Abstr. 1982/6:82L/8535. 1982. WR 192
*Felis sylvestris catus.*

84-000736 Golden, Howard. BOBCAT POPULATIONS AND ENVIRONMENTAL RELATIONSHIPS IN NORTHWESTERN NEVADA. *M.S. thesis, Univ. Nev. (Reno)* 65p. 1982. From Masters Abstr. 21(1):3. Mar. 1983. WR 192
*Felis rufus.*

84-000737 Grittinger, Thomas F. and John R. Ivens. SCENT MARKING SEQUENCES IN CAPTIVE CHEETAHS. *Carnivore* 3(1):46-55. Mar. 1980. WR 192
[Univ. Wis., Sheboygan 53081] *Acinonyx jubatus.*

84-000738 Groves, Colin P. THE CHINESE MOUNTAIN CAT (*FELIS BIETI*). *Carnivore* 3(3):35-41. Nov. 1980. WR 192
[Dep. Prehist. & Anthropol., Australian Natl. Univ., Canberra, A.C.T. 2600, Australia]

84-000739 Maser, Chris and Ronald S. Rohweder. WINTER FOOD HABITS OF COUGARS FROM NORTHEASTERN OREGON. *Great Basin Nat.* 43(3):425-428. 31 July 1983. WR 192
[U.S. Bur. Land Manage., For. Sci. Lab., 3200 Jefferson Way, Corvallis, OR 97331] *Felis concolor.*

84-000740 Matlack, Chris. BOBCAT CONDITION AND FOOD HABITS. *N.S. Trapper's Newsl.* No. 19. p. 4-5. Nov. 1983. WR 192
*Felis rufus* in Canada.

84-000741 Packer, Craig and Anne E. Pusey. MALE TAKEOVERS AND FEMALE REPRODUCTIVE PARAMETERS: A SIMULATION OF ESTROUS SYNCHRONY IN LIONS (*PANTHERA LEO*). *Anim. Behav.* 31(2):334-340. May 1983. WR 192
[Univ. Chicago, Allee Lab. Anim. Behav., 940 E. 57th St., Chicago, IL 60637]

84-000742 Peters, Gustav. DAS SCHNURREN DER KATZEN (FELIDAE). [PURRING IN THE FELIDAE.] *Säugetierkd. Mitt.* 29(4):30-37. 1981. In German with English summ. WR 192
[Zool. Forschungsinst. Mus. Alexander Koenig, Adenauerallee 150-164, D-5300 Bonn 1, West Germany]

84-000743 Quillen, Pat. HAND-REARING THE LITTLE SPOTTED CAT OR ONCILLA *FELIS TIGRINUS*. *Int. Zoo Yearb.* 21:240-242. 1981. WR 192
[Soc. Sci. Care, Inc., POB 7535, San Diego, CA 92107]

84-000744 Schroeter, Willy. FANG UND VERZEHR KLEINER BEUTETIERE DURCH LEOPARD UND LUCHS. [CAPTURE AND CONSUMPTION OF SMALL PREY ANIMALS BY LEOPARD AND LYNX.] *Säugetierkd. Mitt.* 29(4):12-13. 1981. In German with English summ. WR 192
[Langerckestr. 34, 2000 Hamburg 70, West Germany]

CATS (CONTINUED)

84-000745 Schroeter, Willy. ÜBER FÄRBUNG, FARBABWEICHUNGEN, STREIFENVERMINDERUNGEN UND FARBAUFHELLUNGEN BEIM TIGER, *PANTHERA TIGRIS* (LINNÉ, 1758). [ON COLOR, COLOR DEVIATION, STRIPE DIMINUATION AND COLOR-BRIGHTENING IN THE TIGER *PANTHERA TIGRIS*.] *Säugetierkd. Mitt.* 29(4):1-8. 1981. In German with English summ. WR 192
[Langerckestr. 34, 2000 Hamburg 70, West Germany]

84-000746 Schroeter, Willy. BEOBACHTUNGEN AN DEN NORDLUCHSEN, *LYNX LYNX* (LINNÉ, 1758), DER TIERGROTTEN UND DES NORDSEEAQUARIUMS BREMERHAVEN. [OBSERVATIONS ON THE LYNX *LYNX LYNX* AT THE ZOO AND NORTH SEA AQUARIUM IN BREMERHAVEN.] *Säugetierkd. Mitt.* 29(4):8-9. 1981. In German with English summ. WR 192
[Langerckestr. 34, 2000 Hamburg 70, West Germany]

84-000747 Seal, U. S. and T. Foose. DEVELOPMENT OF A MASTERPLAN FOR CAPTIVE PROPAGATION OF SIBERIAN TIGERS IN NORTH AMERICAN ZOOS. *Zoo Biol.* 2(3):241-244. 1983. WR 192
[V. A. Med. Cent., 54 St. & 49 Ave. South, Minneapolis, MN 55417] *Panthera tigris altaica.*

84-000748 Singh, Balwant; P. N. Dhingra; Nem Singh and Manik Chandra. INFECTIOUS FELINE ENTERITIS IN PANTHER CUBS (*PANTHERA PARDUS*). *Indian J. Anim. Sci.* 53(8):921-924. Aug. 1983. WR 192
[Coll. Vet. Sci., Punjab Agric. Univ., Ludhiana, Punjab 141 004, India]

84-000749 Tonkin, B. A. and E. Kohler. OBSERVATIONS ON THE INDIAN DESERT CAT *FELIS SILVESTRIS ORNATA* IN CAPTIVITY. *Int. Zoo Yearb.* 21:151-155. 1981. WR 192
[Max-Planck-Inst. Verhaltensphysiol., 5600 Wuppertal 1, Boettinger Weg 37, West Germany]

84-000750 van Aarde, R. J. DISTRIBUTION AND DENSITY OF THE FERAL HOUSE CAT *FELIS CATUS* ON MARION ISLAND. *S. Afr. J. Antarct. Res.* 9:14-19. 1979. From Ecol. Abstr. 1982/6:82L/8549. 1982. WR 192

84-000751 Van Aarde, R. J. and B. Blumenberg. GENOTYPIC CORRELATES OF BODY AND ADRENAL WEIGHT IN A POPULATION OF FERAL CATS *FELIS CATUS*. *Carnivore* 3(1):37-45. Mar. 1980. WR 192
[Mammal Res. Inst., Univ. Pretoria, Pretoria 0002, South Africa]

84-000752 Widholzer, Francisco Luiz; Marucia Bergmann and Carmen Zotz. BREEDING THE LITTLE SPOTTED CAT. *Int. Zoo News* 28(3):17-22. May-June 1981. WR 192
[Parque Zool. Fundacao Zoobot., Rio Grande do Sul, BR-116, Parada 41 Caixa Postal 36, 93200 Supucaia do Sul, Brazil] *Felis tigrina.*

OTHER CARNIVORES

84-000753 Chamura, Shin-Ichiro. BREEDING OF THE MASKED PALM CIVET (*PAGUMA LARVATA*). *Int. Zoo News* 29(1):7-9. Sept.-Oct. 1982. WR 192

OTHER CARNIVORES (CONTINUED)

84-000754 Frese, Reinhard. NOTES ON BREEDING THE MARSH MONGOOSE *ATILAX PALUDINOSUS* AT BERLIN ZOO. *Int. Zoo Yearb.* 21:147-151. 1981. WR 192
[Zool. Gart. Berlin, 1000 Berlin 30, Hardenbergplatz 8, West Germany]

84-000755 Lamotte, Maxime and Michel Tranier. UN SPÉCIMEN DE *GENETTA (PARAGENETTA) JOHNSTONI* COLLECTÉ DANS LA RÉGION DU NIMBA (CÔTE D'IVOIRE). [A SPECIMEN OF *GENETTA (PARAGENETTA) JOHNSTONI* COLLECTED IN THE NIMBA COUNTRY (IVORY COAST).] *Mammalia* 47(3):430-432. 1983. In French. WR 192
[Lab. Zool., E.N.S., 46 rue d'Ulm, 75005 Paris, France]

84-000756 Mills, M. G. L. BEHAVIOURAL MECHANISMS IN TERRITORY AND GROUP MAINTENANCE OF THE BROWN HYAENA, *HYAENA BRUNNEA*, IN THE SOUTHERN KALAHARI. *Anim. Behav.* 31(2):503-510. May 1983. WR 192
[Kalahari Gemsbok Natl. Park, Private Bag X5890, Upington 8800, South Africa]

84-000757 Tohme, Georges and Henriette Tohme. QUELQUES NOUVELLES DONNÉES SUR LE STATUT ACTUEL DE L'HYÈNE *HYAENA HYAENA SYRIACA* MATSCHIE, 1900 (CARNIVORA) AU LIBAN. [SOME NEW DATA ON THE PRESENT STATUS OF THE HYAENA *HYAENA HYAENA SYRIACA* MATSCHIE, 1900 (CARNIVORA) IN LEBANON.] *Mammalia* 47(3):345-351. 1983. In French with English summ. WR 192
[Fac. Sci., Univ. Libanaise, Beirut, Lebanon]

MARINE MAMMALS

84-000758 Au, Whitlow W. L. and Douglas W. Martin. INSIGHTS INTO DOLPHIN SONAR DISCRIMINATION CAPABILITIES FROM BROADBAND SONAR DISCRIMINATION EXPERIMENTS WITH HUMAN SUBJECTS. *J. Acoust. Soc. Am.* 74(suppl. 1):S73. 1983. Abstract only. WR 192
[Naval Ocean Systems Cent., P.O. Box 997, Kailua, HI 96734]

84-000759 Awbrey, Frank T. and Brent S. Stewart. BEHAVIORAL RESPONSES OF WILD BELUGA WHALES (*DELPHINAPTERUS LEUCAS*) TO NOISE FROM OIL DRILLING. *J. Acoust. Soc. Am.* 74(suppl. 1):S54. 1983. Abstract only. WR 192
[Hubbs Sea World Res. Inst., 1700 S. Shores Rd., San Diego, CA 92109]

84-000760 Bengtson, John L. ESTIMATING FOOD CONSUMPTION OF FREE-RANGING MANATEES IN FLORIDA. *J. Wildl. Manage.* 47(4):1186-1192. Oct. 1983. WR 192
[British Antarctic Surv., High Cross Madingley Rd., Cambridge, England CB3 0ET] *Trichechus manatus.*

84-000761 Bester, M. N. and G. I. H. Kerley. REARING OF TWIN PUPS TO WEANING BY SUBANTARCTIC FUR SEAL *ARCTOCEPHALUS TROPICALIS* FEMALE. *S. Afr. J. Wildl. Res.* 13(3):86-87. Sept. 1983. In English with Afrikaans summ. WR 192
[Mammal Res. Inst., Univ. Pretoria, Pretoria 0002, South Africa]

MARINE MAMMALS (CONTINUED)

84-000762 Bester, M. N. NOTE ON WINTER SEAL OBSERVATIONS IN THE SOUTH ATLANTIC PACK ICE. *S. Afr. J. Antarct. Res.* 9:27-28. 1979. From Ecol. Abstr. 1982/6:82L/8550. 1982. WR 192
*Lobodon carcinophagus* and *Arctocephalus tropicalis*.

84-000763 Bowen, W. D.; D. E. Sergeant and T. Øritsland. VALIDATION OF AGE ESTIMATION IN THE HARP SEAL, *PHOCA GROENLANDICA*, USING DENTINAL ANNULI. *Can. J. Fish. Aquatic Sci.* 40(9):1430-1441. Sept. 1983. In English with French summ. WR 192
[Northwest Atlantic Fish. Cent., Dep. Fish. & Oceans, P.O. Box 5667, St. John's, Newfoundland, Canada A1C 5X1]

84-000764 Bryant, Peter and Christopher Lafferty. THE GRAY WHALES OF LAGUNA GUERRERO NEGRO. *Whalewatcher* 14(4):3-5. 1980. WR 192
*Eschrichtius robustus* in Mexico.

84-000765 Carder, Donald A. and Sam H. Ridgway. APPARENT ECHOLOCATION BY A SIXTY-DAY-OLD BOTTLENOSED DOLPHIN, *TURSIOPS TRUNCATUS*. *J. Acoust. Soc. Am.* 74(suppl. 1):S74. 1983. Abstract only. WR 192
[Code 5142, Naval Systems Cent., San Diego, CA 92152] *Tursiops truncatus* in California.

84-000766 Casinos, A. and S. Filella. NOTES ON CETACEANS OF THE IBERIAN COASTS: IV. A SPECIMEN OF *MESOPLODON DENSIROSTRIS* (CETACEA, HYPEROODONTIDAE) STRANDED ON THE SPANISH MEDITERRANEAN LITTORAL. *Säugetierkd. Mitt.* 29(4):61-67. 1981. In English. WR 192
[Dep. Zool., Univ. Barcelona, Barcelona - 7, Spain]

84-000767 Casinos, A. NOTES ON CETACEANS OF THE IBERIAN COASTS: III. A RECORD OF *ORCINUS ORCA* (LINNAEUS, 1758) FROM THE ISLAND OF MINORCA. *Säugetierkd. Mitt.* 29(2):80. 1981. In English. WR 192
[Dep. Zool., Univ. Barcelona, Barcelona-7, Spain]

84-000768 Ceruti, Marion G.; Patrick W. B. Moore and Sue A. Patterson. PEAK SOUND PRESSURE LEVEL AND SPECTRAL FREQUENCY DISTRIBUTIONS IN ECHOLOCATION PULSES OF ATLANTIC BOTTLENOSE DOLPHINS, *TURSIOPS TRUNCATUS*. *J. Acoust. Soc. Am.* 74(suppl. 1):S73-S74. 1983. Abstract only. WR 192
[Naval Ocean Systems Cent., P.O. Box 997, Kailua, HI 96734]

84-000769 Christmann, James. COMMON DOLPHINS, *DELPHINUS DELPHIS*, IN MONTEREY BAY. *Calif. Fish Game* 69(1):56-58. Jan. 1983. WR 192
[Cent. Coastal Marine Studies, Univ. Calif., Santa Cruz 95064]

84-000770 Clark, Christopher; Peter Tyack; James Bird and Victoria Rowntree. EFFECTS OF UNDERWATER NOISE ON MIGRATING GRAY WHALES OFF THE COAST OF CALIFORNIA. *J. Acoust. Soc. Am.* 74(suppl. 1):S54. 1983. Abstract only. WR 192
[Rockefeller Univ., Tyrrel Rd., Millbrook, NY 12545] *Eschrichtius robustus* in California.

MARINE MAMMALS (CONTINUED)

84-000771 Cummings, William C. and D. V. Holliday. SOURCE LEVELS OF BOWHEAD WHALE SOUNDS DETERMINED BY ACOUSTICAL ARRAY LOCALIZATION. *J. Acoust. Soc. Am.* 74(suppl. 1):S55. 1983. Abstract only. WR 192
[Oceanographic Consultants, 5948 Eton Ct., San Diego, CA 92122] *Balaena mysticetus* in Alaska.

84-000772 Cummings, William C. and D. V. Holliday. PRELIMINARY MEASUREMENTS OF SOUND ATTENUATION BY SNOW OVER A MODEL SEAL LAIR. *J. Acoust. Soc. Am.* 74(suppl. 1):S55. 1983. Abstract only. WR 192
[Oceanographic Consultants, 5948 Eton Ct., San Diego, CA 92122] *Phoca hispida* in Alaska.

84-000773 Dahlheim, Marilyn E. and H. Dean Fisher. RESPONSES OF GRAY WHALES (*ESCHRICHTIUS ROBUSTUS*) TO NONBIOLOGICAL NOISE. *J. Acoust. Soc. Am.* 74(suppl. 1):S54-S55. 1983. Abstract only. WR 192
[Dep. Zool., Univ. British Columbia, Vancouver, British Columbia, Canada V67 2A9]

84-000774 Davis, R. W.; M. A. Castellini; G. L. Kooyman and R. Maue. RENAL GLOMERULAR FILTRATION RATE AND HEPATIC BLOOD FLOW DURING VOLUNTARY DIVING IN WEDDELL SEALS. *Am. J. Physiol.* 245(5):R743-R748. Nov. 1983. WR 192
[Physiol. Res. Lab., Scripps Inst. Oceanogr., Univ. Calif., San Diego 92093] *Leptonychotes weddelli*.

84-000775 Duffy, L. K.; C. Abraham; D. J. Selkoe and K. S. Kosik. PARTIAL ISOLATION AND CHARACTERIZATION OF NEUROFILAMENT PROTEINS AND THE PILOT WHALE, *GLOBICEPHALA MELAENA*. *Am. Zool.* 23(4):904. 1983. Abstract only. WR 192
[Harvard Med. School, Boston, MA 02115]

84-000776 Ferrari, Maxime. OF WHALES AND POLITICS. *Ambio* 12(6):347-348. 1983. WR 192
[Minist. Planning & External Relations, National House, P.O. Box 199, Victoria, Republic of Seychelles]

84-000777 Fitzgerald, James W. A QUALITATIVE MODEL OF THE DOLPHIN SONAR. *J. Acoust. Soc. Am.* 74(suppl. 1):S74-S75. 1983. Abstract only. WR 192
[Mystic Marinelife Aquarium, Mystic, CT 06355]

84-000778 Gordon, K. R. MOVEMENTS OF THE TONGUE OF THE WALRUS DURING SUCTION FEEDING: A NOVEL OR A FUNDAMENTAL MAMMALIAN FEEDING MECHANISM? *Am. Zool.* 23(4):1008. 1983. Abstract only. WR 192
[Fla. Int. Univ., Miami] *Odobenus rosmarus*.

84-000779 Gucinski, H. and R. E. Baier. SURFACE PROPERTIES OF PORPOISE AND KILLER WHALE SKIN IN VIVO. *Am. Zool.* 23(4):959. 1983. Abstract only. WR 192

MARINE MAMMALS (CONTINUED)

84-000780 Holliday, D. V. SOUND AND VIBRATION LEVELS IN A RINGED SEAL LAIR FROM SEISMIC PROFILING ON THE ICE IN THE BEAUFORT SEA. *J. Acoust. Soc. Am.* 74(suppl. 1):S54. 1983. Abstract only. WR 192
[Tracor, Inc., 9170 Chesapeake Dr., San Diego, CA 92123] *Phoca hispida* in Alaska.

84-000781 Holt, Rennie S. and Joseph E. Powers. ABUNDANCE ESTIMATION OF DOLPHIN STOCKS INVOLVED IN THE EASTERN TROPICAL PACIFIC YELLOWFIN TUNA FISHERY DETERMINED FROM AERIAL AND SHIP SURVEYS TO 1979. *U.S. Natl. Mar. Fish Serv. Tech. Mem.* SWFC-23. vii + 95p. Nov. 1982. From Monthly Catalog of U.S. Government Publications 83-21687. Nov. 1983. WR 192

84-000782 Holt, Sidney J. THE INDIAN OCEAN WHALE SANCTUARY. *Ambio* 12(6):345-347. 1983. WR 192
[2 Meryon Ct., Rye, East Sussex, England]

84-000783 Holts, D. B. and James M. Coe. A PRELIMINARY STUDY OF DOLPHIN RELEASE PROCEDURES USING MODEL PURSE SEINES. *U.S. Natl. Mar. Fish. Serv. Tech. Mem.* SWFC-25. ii + 18p. Dec. 1982. From Monthly Catalog of U.S. Government Publications 83-21688. Nov. 1983. WR 192

84-000784 Irvine, A. Blair; John E. Caffin and Howard I. Kochman. AERIAL SURVEYS FOR MANATEES AND DOLPHINS IN WESTERN PENINSULAR FLORIDA: (WITH NOTES ON SIGHTINGS OF SEA TURTLES AND CROCODILES). *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 80/50. vi + 21p. Apr. 1981. From Monthly Catalog of U.S. Government Publications 83-13930. June 1983. WR 192
*Trichechus manatus* and *Tursiops truncatus*.

84-000785 Johnson, Ancel M. and Eugene Kridler. INTERISLAND MOVEMENT OF HAWAIIAN MONK SEALS. *'Elepaio* 44(5):43-45. Nov. 1983. WR 192
[U.S. Fish & Wildl. Serv., 4454 Business Park Blvd., Anchorage, AK 99503] *Monachus schauinslandi* in Hawaii.

84-000786 Johnson, James H. COMPATIBILITY OF SHIPS AND WHALES IN GLACIER BAY, ALASKA. *J. Acoust. Soc. Am.* 74(suppl. 1):S53-S54. 1983. Abstract only. WR 192
[Natl. Marine Mammal Lab., 7600 Sand Point Way N.E., Seattle, WA 98115]

84-000787 Johnson, Murray L. and Steven J. Jeffries. POPULATION BIOLOGY OF THE HARBOR SEAL (*'PHOCA VITULINA RICHARDSI'*) IN THE WATERS OF THE STATE OF WASHINGTON: 1976-1977. *Univ. Puget Sound (Tacoma, Wash.)* MMC-76/25. 59p. Feb. 1983. From U.S. Government Reports 83(11):2377. 27 May 1983. Available from NTIS as PB83-159715. WR 192

84-000788 Kamminga, Cees. COMPARATIVE OBSERVATIONS ON ODONTOCETE SONAR SIGNALS FROM CAPTIVE ANIMALS. *J. Acoust. Soc. Am.* 74(suppl. 1):S74. 1983. Abstract only. WR 192
[Information Theory Group, Delft Univ. Technol., Mekelweg 4, Delft, Netherlands] *Lagenorhynchus albirostris* and *Orcaella brevirostris*.

MARINE MAMMALS (CONTINUED)

84-000789 Kerley, G. I. H. COMPARISON OF SEASONAL HAUL-OUT PATTERNS OF FUR SEALS *ARCTOCEPHALUS TROPICALIS* AND *A. GAZELLA* ON SUBANTARCTIC MARION ISLAND. *S. Afr. J. Wildl. Res.* 13(3):71-77. Sept. 1983. In English with Afrikaans summ. WR 192
[Mammal Res. Inst., Univ. Pretoria, Pretoria 0002, South Africa]

84-000790 Ketten, D. R.; F. L. Starr and D. Wartzok. COMPARATIVE COCHLEAR MORPHOLOGY IN ECHOLOCATING CETACEANS. *J. Acoust. Soc. Am.* 74(suppl. 1):S6-S7. 1983. Abstract only. WR 192
[Dep. Immunol. & Infectious Dis., Johns Hopkins Med. Inst., 615 N. Wolfe St., Baltimore, MD 21205] Data for 6 spp.

84-000791 Kozloff, Patrick. FUR SEAL INVESTIGATIONS, 1981. *U.S. Natl. Mar. Fish. Serv. Tech. Mem.* F/NWC-37. 95p. Nov. 1982. From U.S. Government Reports 83(11):2376. 27 May 1983. Available from NTIS as PB83-154658. WR 192
*Callorhinus ursinus* in Alaska.

84-000792 Laurin, Jean. LA CHASSE AU BÉLUGAS, *DELPHINAPTERUS LEUCAS*, DU SAINT-LAURENT ET STATUT ACTUEL DE LA POPULATION. [THE HUNTING OF BELUGA WHALES, *DELPHINPATERUS LEUCAS*, ON SAINT LAWRENCE RIVER AND THE CURRENT STATUS OF THE POPULATION.] *Carnets Zool.* 42(2):23-27. 1982.In French. WR 192

84-000793 Laws, R. M. SEAL SURVEYS, SOUTH ORKNEY ISLANDS, 1971 AND 1974. *Br. Antarct. Surv. Bull.* 54:136-139. 1981. From Ecol. Abstr. 1982/6:82L/8551. 1982. WR 192
Data for 5 spp.

84-000794 Leatherland, J. F. and K. Ronald. IMMUNOHISTOCHEMICAL IDENTIFICATION OF CELL TYPES IN THE PARS DISTALIS OF HARP SEALS, *PHOCA GROENLANDICA*. *Acta Zool. (Stockh.)* 64(2/3):97-105. 1983. WR 192
[Dep. Zool., Coll. Biol. Sci., Univ. Guelph, Guelph, Ontario, Canada N1G 2W1]

84-000795 Leatherwood, Stephen and Randall R. Reeves. ABUNDANCE OF BOTTLENOSE DOLPHINS IN CORPUS CHRISTI BAY AND COASTAL SOUTHERN TEXAS. *Contrib. Mar. Sci.* 26:179-199. Sept. 1983. WR 192
[Hubbs-Sea World Res. Inst., 1700 S. Shores Rd., San Diego, CA 92109] *Tursiops truncatus.*

84-000796 Ljungblad, Donald K. INTERACTION BETWEEN OFFSHORE GEOPHYSICAL EXPLORATION ACTIVITIES AND BOWHEAD WHALES IN THE ALASKAN BEAUFORT SEA, FALL 1982. *J. Acoust. Soc. Am.* 74(suppl. 1):S55. 1983. Abstract only. WR 192
[Naval Systems Cent., Code 5131, San Diego, CA 92152] *Balaena mysticetus.*

MARINE MAMMALS (CONTINUED)

84-000797 Lockyer, C. RESPONSE OF ORCAS TO TAGGING. *Carnivore* 2(3):19-21. Nov. 1979. WR 192
[British Antarctic Surv., Madingley Rd., Cambridge CB3 0EJ, England] *Orcinus orca*.

84-000798 Malme, Charles I. and Paul R. Miles. ACOUSTIC TESTING PROCEDURES FOR DETERMINING THE POTENTIAL IMPACT OF UNDERWATER INDUSTRIAL NOISE ON MIGRATING GRAY WHALES. *J. Acoust. Soc. Am.* 74(suppl. 1):S54. 1983. Abstract only. WR 192
[Bolt Beranek & Newman Inc., 10 Moulton St., Cambridge, MA 02238] *Eschrichtius robustus* in California.

84-000799 Moore, Patrick W. B. and Whitlow W. L. Au. CRITICAL RATIO AND BANDWIDTH OF THE ATLANTIC BOTTLENOSE DOLPHIN (*TURSIOPS TRUNCATUS*). *J. Acoust. Soc. Am.* 74(suppl. 1):S73. 1983. Abstract only. WR 192
[Naval Ocean Systems Cent., P.O. Box 997, Kailua, HI 96734]

84-000800 Morgan, Peter J. HUMPBACK WHALE AT ABERTHAW. *Nat. Wales New Ser.* 1(2):83-84. 1982. WR 192
*Megaptera novaeangliae* in Wales.

84-000801 Nerini, M. K. and J. S. Oliver. GRAY WHALES AND THE STRUCTURE OF THE BERING SEA BENTHOS. *Oecologia (Berl.)* 59(2-3):224-225. Sept. 1983. WR 192
[Natl. Marine Mammal Lab., 7600 Sand Point Way, N.E., Seattle, WA 98115]

84-000802 Norris, Kenneth S. and Bertel Møhl. CAN ODONTOCETES DEBILITATE PREY WITH SOUND? *Am. Nat.* 122(1):85-104. July 1983. WR 192
[Cent. Coastal Mar. Studies, Univ. Calif., Santa Cruz 95064]

84-000803 Øen, Egil Ole. KILLING TIMES OF MINKE WHALES IN THE NORWEGIAN COASTAL WHALING IN THE 1981 AND 1982 SEASONS. *Nord. Veterinærmed.* 35(7-9):314-318. July-Sept. 1983. In English with Norwegian summ. WR 192
[Dep. Obstetrics, Norwegian Coll. Vet. Med., P.O. Box 8146, Oslo, Norway] *Balaenoptera acutorostrata*.

84-000804 Øen, Egil Ole. ELECTRICAL WHALING--A REVIEW. *Nord. Veterinærmed.* 35(7-9):319-323. July-Sept. 1983. In English with Norwegian summ. WR 192
[Dep. Obstetrics, Norwegian Coll. Vet. Med., P.O. Box 8146, Oslo, Norway]

84-000805 Orr, Marjorie B.; E. J. Kirk and M. W. Cawthorn. MORPHOLOGICAL AND HISTOLOGICAL FEATURES OF THE INTEGUMENT OF THE NEW ZEALAND SEA LION *PHOCARCTOS HOOKERI*. *N.Z. J. Zool.* 10(3):289-294. 1983. WR 192
[Invermay Anim. Health Lab., Minist. Agric. & Fish., Private Bag, Mosgiel, New Zealand]

84-000806 Penner, Ralph H. and Charles W. Turl. BOTTLENOSE DOLPHIN (*TURSIOPS TRUNCATUS*): DIFFERENCE IN THE PATTERN OF INTERPULSE INTERVALS. *J. Acoust. Soc. Am.* 74(suppl. 1):S74. 1983. Abstract only. WR 192
[Naval Ocean Systems Cent., P.O. Box 997, Kailua, HI 96734]

MARINE MAMMALS (CONTINUED)

84-000807 Pierotti, Raymond and David Pierotti. COSTS OF THERMOREGULATION IN ADULT PINNIPEDS. *Evolution* 37(5):1087-1091. Sept. 1983. WR 192
[Dep. Zool., Univ. Calif., Berkeley 94720]

84-000808 Rees, E. I. S. EUPHROSYNE DOLPHIN AT TREARDDUR BAY. *Nat. Wales New Ser.* 1(2):83. 1982. WR 192
*Stenella styx* in Wales.

84-000809 Renouf, Deane. ECHOLOCATION IN HARBOUR SEALS: MAYBE THEY CAN DO IT AFTER ALL. *J. Acoust. Soc. Am.* 74(suppl. 1):S75. 1983. Abstract only. WR 192
[Dep. Psychol./Marine Sci. Res. Lab., Memorial Univ. Newfoundland, St. John's, Newfoundland, Canada A1B 3X9]

84-000810 Ridgway, Sam H. DOLPHIN SOUND PRODUCTION: PHYSIOLOGIC, DIURNAL, AND BEHAVIORAL CORRELATIONS. *J. Acoust. Soc. Am.* 74(suppl. 1):S73. 1983. Abstract only. WR 192
[Code 5142, Naval Ocean Systems Cent., San Diego, CA 92152] *Tursiops truncatus.*

84-000811 Ridgway, Sam H. and Donald A. Carder. AUDIOGRAMS FOR LARGE CETACEANS: A PROPOSED METHOD FOR FIELD STUDIES. *J. Acoust. Soc. Am.* 74(suppl. 1):S53. 1983. Abstract only. WR 192
[Code 5142, Naval Ocean Systems Cent., San Diego, CA 92152] *Delphinus, Tursiops,* and *Delphinapterus.*

84-000812 Rugh, David J. GRAY WHALE CENSUS IN ALASKA. *Whalewatcher* 14(4):7-8. 1980. WR 192
*Eschrichtius robustus.*

84-000813 Salden, Dan R. SUPPLEMENTARY OBSERVATIONS CONCERNING AN ETHOGRAM OF THE KILLER WHALE (*ORCINUS ORCA* L.). *Carnivore* 2(3):17-18. Nov. 1979. WR 192
[Southern Ill. Univ., Edwardsville 62026]

84-000814 Sayers, Hazel J. SHORE WHALING OFF SAN DIEGO IN THE 1880's. *Whalewatcher* 14(3):3-6. 1980. WR 192
*Eschrichtius robustus* in California.

84-000815 Schildkraut, Linda. THE KILLERWHALE IN THE ART AND MYTH OF THE TLINGIT INDIANS. *Carnivore* 2(3):4-9. Nov. 1979. WR 192
*Orcinus orca* in North America.

84-000816 Scronce, B. L. and S. H. Ridgway. SEAL BLINDFOLDED DISCRIMINATION: ECHOLOCATION NOT PROVEN IN *HALICHOERUS GRYPUS*. *J. Acoust. Soc. Am.* 74(suppl. 1):S75. 1983. Abstract only. WR 192
[Code 5142, Naval Ocean Systems Cent., San Diego, CA 92152]

MARINE MAMMALS (CONTINUED)

84-000817 Siniff, Donald B. THE ANTARCTIC SEALS. *Whalewatcher* 15(3):6-8. 1981. WR 192
*Leptonychotes weddelli, Lobodon carcinophagus, Hydrurga leptonyx* and *Ommatophoca rossi*.

84-000818 Skinner, J. D. and R. J. Van Aarde. OBSERVATIONS ON THE TREND OF THE BREEDING POPULATION OF SOUTHERN ELEPHANT SEALS, *MIROUNGA LEONINA*, AT MARION ISLAND. *J. Appl. Ecol.* 20(3):707-712. Dec. 1983. WR 192
[Mammal Res. Inst., Univ. Pretoria, Pretoria 0002, South Africa]

84-000819 Slater, Lucinda M. and Hal Markowitz. SPRING POPULATION TRENDS IN *PHOCA VITULINA RICHARDI* IN TWO CENTRAL CALIFORNIA COASTAL AREAS. *Calif. Fish Game* 69(4):217-226. Oct. 1983. WR 192
[Dep. Biol. Sci., San Francisco State Univ., 1600 Holloway Ave., San Francisco, CA 94132]

84-000820 Spotte, Stephen and Jack Schneider. EARLY FUNCTIONAL MATURITY OF CAPTIVE MALE NORTHERN ELEPHANT SEALS (*MIROUNGA ANGUSTIROSTRIS*). *Zoo Biol.* 1(4):355-358. 1982. WR 192
[Sea Res. Foundation, Inc., Mystic Marinelife Aquarium, Mystic, CT 06355]

84-000821 Sullivan, Robert M.; John D. Stack and W. J. Houck. OBSERVATIONS OF GRAY WHALES (*ESCHRICHTIUS ROBUSTUS*) ALONG NORTHERN CALIFORNIA. *J. Mammal.* 64(4):689-692. 25 Nov. 1983. WR 192
[Mus. Southwestern Biol., Univ. N.M., Albuquerque 87131]

84-000822 Thomas, Jeanette A.; Frank T. Awbrey and Sheldon R. Fisher. INCIDENTAL EVIDENCE FOR ECHOLOCATION IN POLAR PINNIPEDS. *J. Acoust. Soc. Am.* 74(suppl. 1):S75. 1983. Abstract only. WR 192
[Hubbs Sea World Res. Inst., 1700 S. Shores Rd., San Diego, CA 92109]
*Zalophus californianus, Halichoerus grypus*, and *Hydrurga leptonyx*.

84-000823 Thomas, Jeanette A. and Ronald Kastelein. BEHAVIORAL AND PHYSIOLOGICAL RESPONSES OF CAPTIVE BELUGA WHALES TO PLAYBACKS OF DRILLING NOISE. *J. Acoust. Soc. Am.* 74(suppl. 1):S54. 1983. Abstract only. WR 192
[Hubbs Sea World Res. Inst., 1700 S. Shores Rd., San Diego, CA 92109]
*Delphinapterus leucas*.

84-000824 Thurman, G. D. FIRST AID FOR STRANDED MARINE MAMMALS. *S. Afr. Assoc. Mar. Biol. Oceanogr. Res. Inst.* iii + 17p. 1983. WR 192
[South African Assoc. Mar. Biol., 2 West St., Durban 4001, South Africa]

84-000825 Trillmich, Fritz. MUTUAL MOTHER-PUP RECOGNITION IN GALÁPAGOS FUR SEALS AND SEA LIONS: CUES USED AND FUNCTIONAL SIGNIFICANCE. *Behaviour* 78(1-2):21-42. 1981. In English with German summ. WR 192
[Max-Planck-Inst. Verhaltensphysiol., Seewiesen, West Germany]
*Arctocephalus galapagoensis* and *Zalophus californianus wollebaeki*.

MARINE MAMMALS (CONTINUED)

84-000826 Tsuchiya, Takeshi; Yoko Takahashi; Kazunori Suzuki; Hiroshi Nagai and Hideo Tamate. ENZYME HISTOCHEMICAL STUDIES ON THE PARATHYROID GLAND AND THYROID C-CELLS IN THE COMMON DOLPHIN (*DELPHINUS DELPHIS*). *Tohoku J. Agric. Res.* 33(3-4):146-151. Mar. 1983. WR 192
[Lab. Anim. Morphol., Fac. Agric., Tohoku Univ., Sendai 980, Japan]

84-000827 Turl, Charles W. and Ralph H. Penner. TARGET DETECTION: BELUGA WHALE AND BOTTLENOSE DOLPHIN ECHOLOCATION ABILITIES COMPARED. *J. Acoust. Soc. Am.* 74(suppl. 1):S74. 1983. Abstract only. WR 192
[Naval Ocean Systems Cent., P.O. Box 997, Kailua, HI 96734] *Delphinapterus leucas* and *Tursiops truncatus*.

84-000828 Watkins, William A. and Karen E. Moore. AN UNDERWATER ACOUSTIC SURVEY FOR SPERM WHALES (*PHYSETER CATODON*) AND OTHER CETACEANS IN THE SOUTHEAST CARIBBEAN. *Woods Hole Oceanogr. Inst. (Mass.)* Rep. No. WHOI-CONTRIB-5175. 11p. Dec. 1982. From U.S. Government Reports 83(8):1462. 15 Apr. 1983. Available from NTIS as AD-122 406/2. WR 192

84-000829 Withrow, David. GRAY WHALES IN SCAMMON'S LAGOON. *Whalewatcher* 14(4):11-12. 1980. WR 192
*Eschrichtius robustus*.

84-000830 Xu Hanguang; Jia Shulin; Li Zhongxue and Huang Wexiang. [STUDIES ON THE MINKE WHALE FROM THE NORTHERN YELLOW SEA.] *Acta Zool. Sin.* 29(1):86-92. 1983. In Chinese with English summ. WR 192
*Balaenoptera acutorostrata*.

UNGULATES--GENERAL

84-000831 Bailey, James A. and Gene G. Schoonveld, editors. PROCEEDINGS OF THE THIRD BIENNIAL SYMPOSIUM OF THE NORTHERN WILD SHEEP AND GOAT COUNCIL. *Colo. Div. Wildl. & Dep. Fish. Wildl. Biol., Colo. State Univ.* iv + 405p. 1982. WR 192
[Dep. Fish. & Wildl. Biol., Colo. State Univ., Fort Collins 80523] *Ovis canadensis*, *O. dalli* and *Oreamnos americanus*.

84-000832 Campbell, Erick G. and Rolf L. Johnson. FOOD HABITS OF MOUNTAIN GOATS, MULE DEER, AND CATTLE ON CHOPAKA MOUNTAIN, WASHINGTON, 1977-1980. *J. Range Manage.* 36(4):488-491. July 1983. WR 192
[U.S. Bur. Land Manage., Safford, AZ] *Oreamnos americanus* and *Odocoileus hemionus*.

84-000833 Clemens, E. T. and G. M. O. Maloiy. DIGESTIVE PHYSIOLOGY OF EAST AFRICAN WILD RUMINANTS. *Comp. Biochem. Physiol. A Comp. Physiol.* 76(2):319-333. 1983. WR 192
[Dep. Veterinary Physiol., Univ. Nairobi, Nairobi, Kenya] Data for 16 spp.

UNGULATES--GENERAL (CONTINUED)

84-000834 Clemens, E. T. and G. M. O. Maloiy. COLONIC ABSORPTION AND SECRETION OF FLUIDS, ELECTROLYTES AND ORGANIC ACIDS IN EAST AFRICAN WILD RUMINANTS. *Comp. Biochem. Physiol. A Comp. Physiol.* 77(1):51-56. 1984. WR 192
[Dep. Vet. Physiol., Univ. Nairobi, Nairobi, Kenya]

84-000835 Clemens, E. T.; G. M. O. Maloiy and J. D. Sutton. MOLAR PROPORTIONS OF VOLATILE FATTY ACIDS IN THE GASTROINTESTINAL TRACT OF EAST AFRICAN WILD RUMINANTS. *Comp. Biochem. Physiol. A Comp. Physiol.* 76(2):217-224. 1983. WR 192
[Dep. Vet. Sci., Inst. Agric. & Nat. Resour., Univ. Nebr., Lincoln 68583-0905] Data for 16 spp.

84-000836 Filonov, K. P. VARIABILITY OF MORTALITY FACTORS IN WILD UNGULATE POPULATIONS. *Sov. J. Ecol. (Engl. Transl. Ékologiya)* 14(2):116-122. Nov. 1983. Translated from Ékologiya 1983(2):57-64. Mar.-Apr. 1983. WR 192
[A.N. Severtsov Inst. Evol. Morphol. & Anim. Ecol., Acad. Sci. USSR, Moscow, USSR]

84-000837 Gill, R. Bruce; Len H. Carpenter and David C. Bowden. MONITORING LARGE ANIMAL POPULATIONS: THE COLORADO EXPERIENCE. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:330-341. 1983. WR 192
[Colo. Div. Wildl., Fort Collins] *Odocoileus hemionus hemionus, Cervus elaphus nelsoni,* and *Antilocapra americana.*

84-000838 Graber, M. and J. Thal. PARAMPHISTOMATOIDEA (TREMATODA) DE DIVERS RUMINANTS SAUVAGES DU TCHAD, DU NORD CAMEROUN ET DE LA REPUBLIQUE CENTRAFRICAINE. [STOMACH FLUKES (PARAMPHISTOMATOIDEA: TREMATODA) FROM WILD RUMINANTS FROM CHAD, NORTH CAMEROON AND THE CENTRAL AFRICAN REPUBLIC.] *Bull Inst. Fondam. Afr. Noire Sér. A Sci. Nat.* 42(2):261-279. 1980. From Ecol. Abstr. 1982/6:82L/8330. 1982. In French with English summ. WR 192

84-000839 Hinaidy, H. K. *DICROCOELIUM SUPPERERI* NOMEN NOVUM (SYN. *D. ORIENTALIS* SUDARIKOV ET RYJIKOV 1951), EIN NEUER TREMATODE FÜR DIE PARASITENFAUNA ÖSTERREICHS. [*DICROCOELIUM SUPPERERI* NOMEN NOVUM (SYN. *D. ORIENTALIS* SUDARIKOV ET RYJIKOV, 1951), A NEW TREMATODE FOR THE PARASITE FAUNA OF AUSTRIA.] *Zentralbl. Veterinärmed. Reihe B* 30(8):576-589. Sept. 1983. In German with English, French, and Spanish summ. WR 192
[Inst. Parasitol. & Allgemeine Zool., Veterinärmed. Univ. Wien, Linke Bahngasse 11, A-1030 Vienna, Austria] Hosts: *Ovis ammon musimon* and *Capreolus capreolus capreolus.*

84-000840 Hradecký, Petr. SOME UTERINE PARAMETERS IN ANTELOPES AND A GIRAFFE. *Theriogenology* 20(4):491-498. Oct. 1983. WR 192
[Tex. A&M Univ., Dep. Vet. Anat., College Station 77843]

84-000841 Jones, David M. UNGULATE STATUS IN THE WILD AND IN CAPTIVITY. *Int. Zoo News* 28(2):10-27. Mar.-Apr. 1981. WR 192
[Inst. Zool., Zool. Soc. London, Regent's Park, London NW1 4RY, England]

UNGULATES--GENERAL (CONTINUED)

84-000842 McInnis, Michael L.; Martin Vavra and William C. Krueger. A COMPARISON OF FOUR METHODS USED TO DETERMINE THE DIETS OF LARGE HERBIVORES. *J. Range Manage.* 36(3):302-306. May 1983. WR 192
[Dep. Rangeland Resour., Oreg. State Univ., Corvallis]

84-000843 Simpson, C. David and Gary G. Gray. TOPOGRAPHIC AND HABITAT USE BY SYMPATRIC BARBARY SHEEP AND MULE DEER IN PALO DURO CANYON, TEXAS. *J. Range Manage.* 36(2):190-194. Mar. 1983. WR 192
[8, 21st Ave., Famona, Bulawayo, Zimbabwe] *Odocoileus hemionus* and *Ammotragus lervia.*

84-000844 Ssemakula, James. A COMPARATIVE STUDY OF HOOF PRESSURES OF WILD AND DOMESTIC UNGULATES. *Afr. J. Ecol.* 21(4):325-328. Dec. 1983. In English. WR 192
[Anim. Res. & Conserv. Cent., P.O. Box 48177, Nairobi, Kenya]

84-000845 Williams, E. S.; S. P. Snyder and K. L. Martin. PATHOLOGY OF SPONTANEOUS AND EXPERIMENTAL INFECTION OF NORTH AMERICAN WILD RUMINANTS WITH *MYCOBACTERIUM PARATUBERCULOSIS.* *Vet. Pathol.* 20(3):274-291. May 1983. WR 192
[Wyo. State Vet. Lab., Box 950, Div. Microbiol. & Vet. Med., Univ. Wyo., Laramie 82070] Data for 6 spp.

CERVIDS--GENERAL

84-000846 Basehore, Ann and Ronald R. Keiper. FOOD HABITS OF SIKA AND WHITE-TAILED DEER FROM ASSATEAGUE ISLAND, MARYLAND. *Proc. Pa. Acad. Sci.* 57(1):117. 1983. Abstract only. WR 192
[Dep. Biol., Pa. State Univ., Monto Alto 17237] *Odocoileus virginianus* and *Cervus nippon.*

84-000847 de Vos, Antoon. DEER FARMING. *Tigerpaper* 10(1):8-19. 1983. WR 192
Data for 6 spp.

84-000848 Laitat, E. DIE MIKROGRAFISCHE LOSUNGSANALYSE ZUR BESTIMMUNG DER NAHRUNG VON ROTWILD UND REHWILD. [MICROGRAPHIC DROPPINGS ANALYSIS TO ESTABLISH THE DIET OF RED- AND ROE-DEER.] *Z. Jagdwiss.* 29(4):218-235. Dec. 1983. In German with English and French summ. WR 192
[Kiefernweg 4, D-5000 Cologne 40, West Germany] *Capreolus capreolus* and *Cervus elaphus* in Belgium.

84-000849 Otway, W. F. DEER FARMING IN NEW ZEALAND AND CHINA. *Acta Zool. Fenn.* No. 175. p. 169-170. 1983. WR 192
[Cairnhill Health Cent., 95 Mountain Rd., Epsom, Auckland, New Zealand]

84-000850 Saber, A. S. ÜBER DAS VORKOMMEN ANOMALER MUSKELN AM KOPF VON DAMWILD (*CERVUS DAMA*) UND ROTWILD (*CERVUS ELAPHUS*). [ON THE PRESENCE OF ANOMALOUS MUSCLES IN THE HEADS OF THE FALLOW DEER (*CERVUS*

CERVIDS--GENERAL (CONTINUED)

84-000850 CONTINUED *DAMA*) AND RED DEER (*CERVUS ELAPHUS*).] *Z. Jagdwiss.* 29(3):184-187. Sept. 1983. In German with French and English summ. WR 192
[Dep. Anat. & Histol., Fac. Vet. Med., Assiut Univ., Egypt]

84-000851 Severson, Keith E. and Alvin L. Medina. DEER AND ELK HABITAT MANAGEMENT IN THE SOUTHWEST. *J. Range Manage. Monogr.* No. 2. 64p. May 1983. WR 192
[Rocky Mountain For. & Range Exp. Stn., Fort Collins, CO 80526] *Odocoileus virginianus, O. hemionus* and *Cervus elaphus* in New Mexico and Arizona.

84-000852 Thill, Ronald E.; Peter F. Ffolliott and David R. Patton. DEER AND ELK FORAGE PRODUCTION IN ARIZONA MIXED CONIFER FORESTS. *U.S. For. Serv. Res. Pap.* RM-248. 13p. Aug. 1983. WR 192
*Odocoileus heminous, O. virginianus*, and *Cervus elaphus*.

84-000853 Wang Zongren and Du Ruofu. [KARYOTYPES OF CERVIDAE AND THEIR EVOLUTION.] *Acta Zool. Sin.* 29(3):214-222. 1983. In Chinese with English summ. WR 192
[Inst. Zool., Acad. Sinica, China]

ODOCOILEUS

84-000854 Austin, D. D. and P. J. Urness. OVERWINTER FORAGE SELECTION BY MULE DEER ON SEEDED BIG SAGEBRUSH-GRASS RANGE. *J. Wildl. Manage.* 47(4):1203-1207. Oct. 1983. WR 192
[Div. Wildl. Resour. & Dep. Range Sci., Utah State Univ., Logan 84322] *Odocoileus hemionus* in Utah.

84-000855 Bailey, J. V.; G. Badtram and C. S. Farrow. UNUSUAL BONE HEALING IN A WHITE-TAILED DEER. *Can. Vet. J.* 24(11):335-337. Nov. 1983. In English with French summ. WR 192
[Dep. Vet. Anesthesia, Radiol. & Surgery, Western Coll. Vet. Med., Univ. Saskatchewan, Saskatoon, Saskatchewan, Canada S7N 0W0] *Odocoileus virginianus*.

84-000856 Bartmann, Richard M. COMPOSITION AND QUALITY OF MULE DEER DIETS ON PINYON-JUNIPER WINTER RANGE, COLORADO. *J. Range Manage.* 36(4):534-541. July 1983. WR 192
[Colo. Div. Wildl., 317 W. Prospect, Fort Collins 80526] *Odocoileus hemionus*.

84-000857 Beasom, Samuel L. and John D. Burd. RETENTION AND VISIBILITY OF PLASTIC EAR TAGS ON DEER. *J. Wildl. Manage.* 47(4):1201-1203. Oct. 1983. WR 192
[Ceasar Kleberg Wildl. Res. Inst., Tex. A&I Univ., Kingsville 78363] *Odocoileus hemionus* and *O. virginianus* in Texas.

ODOCOILEUS (CONTINUED)

84-000858 Blair, Robert M.; Rene Alcaniz and Austin Harrell. SHADE INTENSITY INFLUENCES THE NUTRIENT QUALITY AND DIGESTIBILITY OF SOUTHERN DEER BROWSE LEAVES. *J. Range Manage.* 36(2):257-264. Mar. 1983. WR 192
[Wildl. Habitat & Silvicultural Lab., Nacogdoches, TX 75962] *Odocoileus* spp. in Texas.

84-000859 Blair, Robert M. and Louis E. Brunett. DEER HABITAT POTENTIAL OF PINE-HARDWOOD FORESTS IN LOUISIANA. *U.S. For. Serv. Res. Pap.* SO-136. 16p. 1977. From U.S. Government Reports 83(15):3474. 22 July 1983. Available from NTIS as PB83-184051. WR 192
*Odocoileus virginianus.*

84-000860 Brannian, Roger E.; Norb Giessman; Wayne Porath and Gerald L. Hoff. EPIZOOTIC HEMORRHAGIC DISEASE IN WHITE-TAILED DEER FROM MISSOURI. *J. Wildl. Dis.* 19(4):357-358. Oct. 1983. WR 192
[Kansas City Zool. Garden, Swope Park, Kansas City, MO 64132]

84-000861 Cothran, E. Gus; Ronald K. Chesser; Michael H. Smith and Paul E. Johns. INFLUENCES OF GENETIC VARIABILITY AND MATERNAL FACTORS ON FETAL GROWTH IN WHITE-TAILED DEER. *Evolution* 37(2):282-291. Mar. 1983. WR 192
[Southwest Foundation Res. & Educ., San Antonio, TX 78284] *Odocoileus virginianus.*

84-000862 Gibson, David F.; Patrick F. Scanlon and Robert J. Warren. XYLAZINE HYDROCHLORIDE FOR IMMOBOLIZING CAPTIVE WHITE-TAILED DEER (*ODOCOILEUS VIRGINIANUS*). *Zoo Biol.* 1(4):311-322. 1982. WR 192
[Scanlon: Dep. Fish. & Wildl. Sci., Va. Polytech. Inst. & State Univ., Blacksburg 24061]

84-000863 Gill, R. B.; L. H. Carpenter; R. M. Bartmann; D. L. Baker and G. G. Schoonveld. FECAL ANALYSIS TO ESTIMATE MULE DEER DIETS. *J. Wildl. Manage.* 47(4):902-915. Oct. 1983. WR 192
[Colo. Div. Wildl., 317 W. Prospect, Fort Collins 80526] *Odocoileus hemionus hemionus.*

84-000864 Gladfelter, Lee. DEER HERD ON THE UPBEAT. *Iowa Conserv.* 42(11):2-4. Nov. 1983. WR 192
*Odocoileus virginianus* in Iowa.

84-000865 Jones, R. L.; R. I. Tamayo; W. Porath; N. Giessman; L. S. Selby and G. M. Buening. A SEROLOGIC SURVEY OF BRUCELLOSIS IN WHITE-TAILED DEER (*ODOCOILEUS VIRGINIANUS*) IN MISSOURI. *J. Wildl. Dis.* 19(4):321-323. Oct. 1983. WR 192
[Dep. Vet. Microbiol., Univ. Mo., Columbia 65211]

84-000866 Kelty, Matthew J. and Ralph D. Nyland. HARDWOOD BROWSE PRODUCTION FOLLOWING SHELTERWOOD CUTTING. *J. Wildl. Manage.* 47(4):1216-1220. Oct. 1983. WR 192

ODOCOILEUS (CONTINUED)

84-000866 CONTINUED
[School For. & Environ. Studies, Yale Univ., New Haven, CT 06511] *Odocoileus virginianus* in New York.

84-000867 Kitchings, J. T. and J. D. Story. WHITE-TAILED DEER (*ODOCOILEUS VIRGINIANUS*) ON THE DEPARTMENT OF ENERGY'S OAK RIDGE RESERVATION. SUPPLEMENT 1: 1978 STATUS REPORT. *Oak Ridge Natl. Lab. (Tenn.)* 33p. Sept. 1979. From U.S. Government Reports 83(14):3063. 8 July 1983. Available from NTIS as ORNL/TM-6803/51. WR 192

84-000868 Kosco, Barbara H. and James W. Bartolome. EFFECTS OF CATTLE AND DEER ON REGENERATING MIXED CONIFER CLEARCUTS. *J. Range Manage.* 36(2):265-268. Mar. 1983. WR 192
*Odocoileus* spp.

84-000869 Leckenby, Donavin A. and Dale E. Toweill. RESPONSE OF FORAGE SPECIES SEEDED FOR MULE DEER IN WESTERN JUNIPER TYPES OF SOUTHCENTRAL OREGON. *J. Range Manage.* 36(1):98-103. Jan. 1983. WR 192
[Dep. Fish & Wildl., Res. & Dev. Stn., La Grande, OR] *Odocoileus hemionus.*

84-000870 McCullough, Dale R. RATE OF INCREASE OF WHITE-TAILED DEER ON THE GEORGE RESERVE: A RESPONSE. *J. Wildl. Manage.* 47(4):1248-1250. Oct. 1983. WR 192
[Dep. For. & Resour. Manage., Univ. Calif., Berkeley 94720] *Odocoileus virginianus* in Michigan.

84-000871 McGarigal, Kevin and P. F. Scanlon. INDUCTION OF ESTRUS IN WHITE-TAILED DEER. *Va. J. Sci.* 34(3):128. 1983. Abstract only. WR 192
[Dep. Fish. & Wildl. Sci., Va. Polytech. Inst. & State Univ., Blacksburg 24061] *Odocoileus virginianus.*

84-000872 Mooty, Jack J. RELATIONSHIP OF WHITE-TAILED DEER TO PLANT COMMUNITIES IN NORTHERN MINNESOTA: VEGETATION INVENTORY OF THE BEARVILLE STUDY AREA. *Minn. Wildl. Res. Q.* 39(1):1-59. 1979. WR 192
[For. Wildl. Popul. & Res. Group, Minn. Dep. Nat. Resour., Grand Rapids 55744] *Odocoileus virginianus.*

84-000873 Nelson, Thomas A. and Alan Woolf. FIELD LAPAROSCOPY OF FEMALE WHITE-TAILED DEER. *J. Wildl. Manage.* 47(4):1213-1216. Oct. 1983. WR 192
[Coop. Wildl. Res. Lab., Southern Ill. Univ., Carbondale 62901] *Odocoileus virginianus* in Illinois.

84-000874 Pederson, Jordan C. PRESENCE OF MAXILLARY CANINE TEETH IN MULE DEER IN UTAH. *Great Basin Nat.* 43(3):445-446. 31 July 1983. WR 192
[Utah Div. Wildl. Resour., 1115 N. Main, Springville 84663] *Odocoileus hemionus.*

ODOCOILEUS (CONTINUED)

84-000875 Porter, William F. A BAITED ELECTRIC FENCE FOR CONTROLLING DEER DAMAGE TO ORCHARD SEEDLINGS. *Wildl. Soc. Bull.* 11(4):325-327. 1983. WR 192
[Dep. Environ. & For. Biol., State Univ. N.Y., Coll. Environ. Sci. & For., Syracuse 13210] *Odocoileus virignianus* in New York.

84-000876 Purdue, James R. EPIPHYSEAL CLOSURE IN WHITE-TAILED DEER. *J. Wildl. Manage.* 47(4):1207-1213. Oct. 1983. WR 192
[Zool. Sect., Ill. State Mus., Springfield 62706] *Odocoileus virginianus.*

84-000877 Sacks, Jeffrey J.; Dennis G. Delgado; Hans O. Lobel and Richard L. Parker. TOXOPLASMOSIS INFECTION ASSOCIATED WITH EATING UNDERCOOKED VENISON. *Am. J. Epidemol.* 118(6):832-838. Dec. 1983. WR 192
[Fla. Dep. Health & Rehabilitative Serv., Tallahassee] *Odocoileus virginianus.*

84-000878 Sage, Richard W., Jr.; William C. Tierson; George F. Mattfeld and Donald F. Behrend. WHITE-TAILED DEER VISIBILITY AND BEHAVIOR ALONG FOREST ROADS. *J. Wildl. Manage.* 47(4):940-953. Oct. 1983. WR 192
[Newcomb Campus, State Univ. N.Y., Coll. Environ. Sci. & For., Newcomb 12852] *Odocoileus virginianus* in New York.

84-000879 Salkin, I. F.; M. A. Gordon and W. B. Stone. CUTANEOUS GRANULES ASSOCIATED WITH DERMATOPHILOSIS IN A WHITE-TAILED DEER. *J. Wildl. Dis.* 19(4):361-363. Oct. 1983. WR 192
[Cent. Lab. Res., N.Y. State Dep. Health, Albany 12201] *Odocoileus virginianus.*

84-000880 Schmitt, Stephen M.; Thomas M. Cooley; Lee D. Schrader and Max A. Bradley. A SQUEEZE CHUTE TO RESTRAIN CAPTIVE DEER. *Wildl. Soc. Bull.* 11(4):387-389. 1983. WR 192
[Mich. Dep. Nat. Resour., Rose Lake Wildl. Pathol. Lab., East Lansing 48823] *Odocoileus virginianus.*

84-000881 Shaw, Mike and Rex Umber. OKLAHOMA WHITETAILS--A LOOK AT THE PAST, PRESENT AND FUTURE OF OUR MOST POPULAR BIG GAME ANIMAL. *Outdoor Okla.* 39(6):3-7. Nov.-Dec. 1983. WR 192
*Odocoileus virginianus.*

84-000882 Swenson, Jon E.; Stephen J. Knapp and Harold J. Wentland. WINTER DISTRIBUTION AND HABITAT USE BY MULE DEER AND WHITE-TAILED DEER IN SOUTHEASTERN MONTANA. *Prairie Nat.* 15(3):97-112. Sept. 1983. WR 192
[Mont. Dep. Fish, Wildl., & Parks, 1001 Ridgeway Dr., Livingston 59047] *Odocoileus heminous* and *O. virginianus.*

84-000883 Urness, P. J.; D. D. Austin and L. C. Fierro. NUTRITIONAL VALUE OF CRESTED WHEATGRASS FOR WINTERING MULE DEER. *J. Range Manage.* 36(2):225-226. Mar. 1983. WR 192
[Dep. Range Sci., Utah State Univ., Logan 84322] *Odocoileus hemionus.*

ODOCOILEUS (CONTINUED)

84-000884 Van Ballenberghe, Victor. RATE OF INCREASE OF WHITE-TAILED DEER ON THE GEORGE RESERVE: A RE-EVALUATION. *J. Wildl. Manage.* 47(4):1245-1247. Oct. 1983. WR 192
[U.S. For. Serv., Inst. Northern For., 308 Tanana Dr., Fairbanks, AK 99701] *Odocoileus virginianus* in Michigan.

84-000885 Warren, R. J. and L. J. Krysl. WHITE-TAILED DEER FOOD HABITS AND NUTRITIONAL STATUS AS AFFECTED BY GRAZING AND DEER-HARVEST MANAGEMENT. *J. Range Manage.* 36(1):104-109. Jan. 1983. WR 192
[Dep. Range & Wildl. Manage., Tex. Tech Univ. Lubbock 79409] *Odocoileus virginianus* in Texas.

84-000886 Watkins, Bruce E. and Duane E. Ullrey. IODINE CONCENTRATION IN PLANTS USED BY WHITE-TAILED DEER IN MICHIGAN. *J. Wildl. Manage.* 47(4):1220-1226. Oct. 1983. WR 192
[Chicago Zool. Soc., Zool. Park, Brookfield, IL 60513] *Odocoileus virginianus.*

84-000887 Weber, Steven J.; William W. Mautz; John W. Lanier and Joseph E. Wiley III. PREDICTIVE EQUATIONS FOR DEERYARDS IN NORTHERN NEW HAMPSHIRE. *Wildl. Soc. Bull.* 11(4):331-338. 1983. WR 192
[Adirondack Ecol. Cent., State Univ., Coll. Environ. Sci. & For., Newcomb, NY 12852] *Odocoileus virginianus.*

84-000888 Welch, Bruce L.; E. Durant McArthur and James N. Davis. MULE DEER PREFERENCE AND MONOTERPENOIDS (ESSENTIAL OILS). *J. Range Manage.* 36(4):485-487. July 1983. WR 192
[U.S. For. Serv., Shrub Sci. Lab., Provo, UT 84601]

84-000889 Wobeser, G.; S. A. Mitcham; J. R. Saunders and H. M. Hunt. DERMATOMYCOSIS (RINGWORM) IN MULE DEER (*ODOCOILEUS HEMIONUS*). *Can. Vet. J.* 24(10):316-317. Oct. 1983. In English with French summ. WR 192
[Dep. Veterinary Pathol., Western Coll. Veterinary Med., Univ. Saskatchewan, Saskatoon, Saskatchewan, Canada S7N 0W0]

OTHER CERVIDS

84-000890 Altmann, Dagmar. BEOBACHTUNGEN ZUM SOZIALVERHALTEN UND ARTGENOSSENERKENNEN (INDIVIDUUMSSPEZIFIK) DES MILU, *ELAPHURUS DAVIDIANUS*, (MILNE-EDWARDS, 1866). [OBSERVATIONS ON THE SOCIAL BEHAVIOR AND SPECIES RECOGNITION (INDIVIDUAL-SPECIFIC) OF PÈRE DAVID'S DEER *ELAPHURUS DAVIDIANUS.*] *Säugetierkd. Mitt.* 29(4):14-29. 1981. In German with English summ. WR 192
[Am Tierpark 125, DDR-1156 Berlin, East Germany]

84-000891 Appleby, Michael C. COMPETITION IN A RED DEER STAG SOCIAL GROUP: RANK, AGE AND RELATEDNESS OF OPPONENTS. *Anim. Behav.* 31(3):913-918. Aug. 1983. WR 192

OTHER CERVIDS (CONTINUED)

84-000891 CONTINUED
[Agric. Res. Council's Poultry Res. Cent., Roslin, Midlothian EH25 9PS, U.K.] *Cervus elaphus.*

84-000892 Baskin, L. M. THE CAUSES OF CALF REINDEER MORTALITY. *Acta Zool. Fenn.* No. 175. p. 133-134. 1983. WR 192
[Inst. Anim. Evol., Morphol. & Ecol., USSR Acad. Sci., Leninsky prospect, 33, Moscow, 117071, USSR] *Rangifer tarandus.*

84-000893 Bergerud, A. T.; Michael J. Nolan; K. Curnew and W. Eugene Mercer. GROWTH OF THE AVALON PENINSULA, NEWFOUNDLAND CARIBOU HERD. *J. Wildl. Manage.* 47(4):989-998. Oct. 1983. WR 192
[Dep. Biol., Univ. Victoria, Victoria, British Columbia, Canada V8W 2Y2] *Rangifer tarandus* in Canada.

84-000894 Blackwell, Ann Lowes. EXTREMES IN THE RESOURCE CONSUMPTION PROCESS: A MATHEMATICAL MODEL OF THE IRRUPTION OF THE MOOSE POPULATION ON ISLE ROYALE. PART I--ECOLOGICAL BACKGROUND AND MODEL DEVELOPMENT. *Ecol. Modelling* 20(1):47-69. Oct. 1983. WR 192
[Cent. Dynamic Systems Studies, Univ. Tex., Arlington 76019] *A. alces* in Michigan.

84-000895 Butler, H. E. FALL SUCKLING BEHAVIOR IN WOODLAND CARIBOU (*RANGIFER TARANDUS CARIBOU*). *Acta Zool. Fenn.* No. 175. p. 109-111. 1983. WR 192
[R.R. 1, Fulford Harbour, British Columbia, Canada V0S 1C0]

84-000896 Carruthers, D. R. and R. D. Jakimchuk. THE DISTRIBUTION, NUMBERS AND MOVEMENTS OF THE BLUENOSE CARIBOU HERD, NORTHWEST TERRITORIES, CANADA. *Acta Zool. Fenn.* No. 175. p. 141-143. 1983. WR 192
[Renewable Resour. Consulting Serv. Ltd., 9865 W. Saanich Rd., R.R. 2, Sidney, British Columbia, Canada V8L 2S1] *Rangifer tarandus groenlandicus.*

84-000897 Clutton-Brock, T. H. and S. D. Albon. CLIMATIC VARIATION AND BODY WEIGHT OF RED DEER. *J. Wildl. Manage.* 47(4):1197-1201. Oct. 1983. WR 192
[Dep. Zool., Large Anim. Res. Group, 34A Storeys Way, Cambridge, England CB3 0DT] *Cervus elaphus* in Scotland.

84-000898 Crawshaw, Graham J. and Kenneth L. Mould. REPAIR OF A CERVICAL FRACTURE IN A DEER. *Vet. Med. Small Anim. Clin.* 77(2):233-236. Feb. 1982. WR 192
[Assiniboinè Park Zoo, 2355 Corydon Ave., Winnipeg, Manitoba, Canada R3P 0R5] *Cervus nippon taiouanus.*

84-000899 Danilov, P. I. and V. A. Markovsky. FOREST REINDEER (*RANGIFER TARANDUS FENNICUS* LÖNNB.) IN KARELIA. *Acta Zool. Fenn.* No. 175. p. 33-34. 1983. WR 192
[USSR Acad. Sci., Petrozavodsk, USSR]

OTHER CERVIDS (CONTINUED)

84-000900 Davis, J. L.; P. Valkenburg and R. D. Boertje. DEMOGRAPHY AND LIMITING FACTORS OF ALASKA'S DELTA CARIBOU HERD, 1954-1981. *Acta Zool. Fenn.* No. 175. p. 135-137. 1983. WR 192
[Alaska Dep. Fish & Game, 1300 College Rd., Fairbanks 99701] *Rangifer tarandus.*

84-000901 Delguidice, Glenn David. A HABITAT ANALYSIS OF SPRING-SUMMER ELK RANGE ON THE APACHE-SITGREAVES NATIONAL FOREST, ARIZONA. *M.S. thesis, Univ. Ariz.* 81p. 1982. From Masters Abstr. 21(1):3. Mar. 1983. WR 192
*Cervus elaphus.*

84-000902 Duan Xingsheng and Lin Shiying. STUDY OF CHROMOSOMAL REPLICATION OF RED MUNTJAC (*MUNTIACUS MUNTJAC*). *Sci. Sin. Ser. B* 26(9):936-940. Sept. 1983. WR 192
[Kunming Inst. Zool., Acad. Sinica, Kunming, China]

84-000903 Dudley-Rowley, M. SCIENTIFIC IMPLICATIONS OF A CATALOG DEPICTING *RANGIFER TARANDUS* IN FOLKLORE, GRAPHICS, AND IMPLEMENTATION FROM EARLIEST TIMES TO THE ERA OF THE UNITED STATES' SETTLEMENT OF ALASKA. *Acta Zool. Fenn.* No. 175. p. 167-168. 1983. WR 192
[Inst. Alaskan Affairs, P.O. Box 1819, Fairbanks 99707]

84-000904 Eiben, B. and K. Fischer. UNTERSUCHUNGEN ÜBER DIE BEZIEHUNGEN DER AKTIVITÄT DER ALKALISCHEN PHOSPHATASE UND DEM GEWEIHBILDUNGSZYKLUS BEIM DAMHIRSCH (*DAMA DAMA* L.). [EXPERIMENTS ON THE RELATIONSHIP BETWEEN THE ACTIVITY OF THE ALKALINE PHOSPHATASE AND THE ANTLER DEVELOPMENT CYCLE IN FALLOW DEER STAGS (*DAMA DAMA* L.).] *Z. Jagdwiss.* 29(4):244-247. Dec. 1983. In German with English and French summ. WR 192
[Zool. Inst., Univ. Göttingen, Berliner Str. 28, D-3400 Göttingen, West Germany]

84-000905 ElAzhary, M. A. S. Y.; A. Silim and J. L. Frechette. PREVALENCE OF ANTIBODIES TO SOME BOVINE VIRUSES IN THE CARIBOU (*RANGIFER TARANDUS CARIBOU*) IN QUEBEC, CANADA. *Acta Zool. Fenn.* No. 175. p. 107-108. 1983. WR 192
[Dep. Pathol. & Microbiol., Fac. Vet. Med., Univ. Montreal, St. Hyacinthe, Quebec, Canada J2S 7C6]

84-000906 Erkinaro, E.; K. Heikura; E. Lindgren; E. Pulliainen and S. Sulkava. STUDIES ON THE DAILY ACTIVITY OF SEMI-DOMESTIC REINDEER (*RANGIFER TARANDUS* L.) AND WILD FOREST REINDEER (*R. T. FENNICUS* LÖNNB.) IN EASTERN FINLAND. *Acta Zool. Fenn.* No. 175. p. 29-31. 1983. WR 192
[Dep. Zool., Univ. Oulu, SF-90100 Oulu 10, Finland]

84-000907 Fischer, K. UNTERSUCHUNGEN ZUR FORTPFLANZUNGSFÄHIGKEIT VON JUNGEM WEIBLICHEM UND MÄNNLICHEM DAMWILD (*DAMA DAMA* L.). [EXPERIMENTS ON THE REPRODUCTIVE CAPABILITY OF YOUNG FEMALE AND MALE FALLOW DEER (*DAMA DAMA* L.).] *Z. Jagdwiss.* 29(3):137-142. Sept. 1983. In German with French and English summ. WR 192
[Zool. Inst., Univ. Göttingen, Göttingen, West Germany]

OTHER CERVIDS (CONTINUED)

84-000908 Georgii, B. EINFLÜSSE MENSCHILCHER STÖRUNGEN AUF STANDORTWAHL UND AKTIVITÄTSMUSTER WEIBLICHER ROTHIRSCHE (*CERVUS ELAPHUS* L.). [INFLUENCE OF HUMAN ACTIVITY ON THE GRAZING AND FLIGHT PATTERNS OF FEMALE RED DEER *CERVUS ELAPHUS* L.] *Verh. Ges. Ökol Freising-Weihenstephan* 8:163-168. 1980. From Ecol. Abstr. 1982/6:82L/8542. 1982. In German with English summ. WR 192

84-000909 Georgii, Bertram and Wolfgang Schröder. HOME RANGE AND ACTIVITY PATTERNS OF MALE RED DEER (*CERVUS ELAPHUS* L.) IN THE ALPS. *Oecologia (Berl.)* 58(2):238-248. May 1983. WR 192
[Abteil. Wildforschung & Jagdhunde, Außenstelle Aberammergau, 8107 Ettal-Dickelschwaig, West Germany]

84-000910 Goss, R. J. and R. Powel. INDUCTION OF ECTOPIC ANTLERS BY SUBCUTANEOUS GRAFTS OF FALLOW DEER PERIOSTEUM. *Am. Zool.* 23(4):971. 1983. Abstract only. WR 192
[Brown Univ., Providence, RI] *Cervus dama.*

84-000911 Gray, Gary G. HISTORY AND STATUS OF EUROPEAN FALLOW DEER (*DAMA DAMA DAMA*) AT ARGONNE NATIONAL LABORATORY, ILLINOIS. *Prairie Nat.* 15(3):113-119. Sept. 1983. WR 192
[Dep. Biol. Sci., North. Ill. Univ., DeKalb 60115]

84-000912 Gunn, A. and F. L. Miller. SIZE AND STATUS OF AN INTER-ISLAND POPULATION OF PEARY CARIBOU. *Acta Zool. Fenn.* No. 175. p. 153-154. 1983. WR 192
[Wildl. Serv., Dep. Renewable Resour., Yellowknife, Northwest Territories, Canada X1A 2L9] *Rangifer tarandus pearyi* in Canada.

84-000913 Haldane, R. A. THE RED DEER OF SCOTLAND. *Ecologist* 13(5):188-189. 1983. WR 192
*Cervus elaphus.*

84-000914 Harmon, Mark E. and Jerry F. Franklin. AGE DISTRIBUTION OF WESTERN HEMLOCK AND ITS RELATION TO ROOSEVELT ELK POPULATIONS IN THE SOUTH FORK HOH RIVER VALLEY, WASHINGTON. *Northwest Sci.* 57(4):249-255. Nov. 1983. WR 192
[For. Sci. Lab., 3200 Jefferson Way, Corvallis, OR 97330] *Cervus elaphus roosevelti.*

84-000915 Heard, D. C. HUNTING PATTERNS AND THE DISTRIBUTION OF THE BEVERLY, BATHURST AND KAMINURIAK CARIBOU HERDS BASED ON TAG RETURNS. *Acta Zool. Fenn.* No. 175. p. 145-147. 1983. WR 192
[Wildl. Serv., Yellowknife, Northwest Territories, Canada] *Rangifer tarandus groenlandicus.*

84-000916 Heikura, K.; E. Lindgren; E. Pulliainen; S. Sulkava and E. Erkinaro. GROUPING BEHAVIOUR OF THE FOREST REINDEER IN KUHMO IN 1978-81. *Acta Zool. Fenn.* No. 175. p. 25-28. 1983. WR 192
[Dep. Zool., Univ. Oulu, SF-90100 Oulu 10, Finland] *Rangifer tarandus* in Finland.

OTHER CERVIDS (CONTINUED)

84-000917 Helle, T. and J. Aspi. DOES HERD FORMATION REDUCE INSECT HARASSMENT AMONG REINDEER? A FIELD EXPERIMENT WITH ANIMAL TRAPS. *Acta Zool. Fenn.* No. 175. p. 129-131. 1983. WR 192
[Res. Inst. Northern Finland, Koskikatu 18 A 9, 96200 Rovaniemi 20, Finland] *Rangifer tarandus* in Finland.

84-000918 Hennig, R. PERÜCKENBILDUNG BEIM DAMWILD. [FORMATION OF WIG-ANTLERS IN FALLOW DEER.] *Z. Jagdwiss.* 29(3):188-189. Sept. 1983. In German with French and English summ. WR 192
*Cervus dama.*

84-000919 Hodge, T. G. and P. J. Knapman. MYXOFIBROSARCOMA IN A ROOSEVELT ELK *(CERVUS ELAPHUS ROOSEVELTI). Vet. Pathol.* 20(3):370-371. May 1983.,WR 192
[Dep. Toxicol.-Pathol., Wyeth Lab., Inc., P.O. Box 861, Paoli, PA 19301]

84-000920 Holt, S. VEGETATION MAPPING ON CARIBOU SUMMER RANGES NEAR SØNDRE STRØMFJORD, W. GREENLAND. *Acta Zool. Fenn.* No. 175. p. 11-13. 1983. WR 192
[Inst. Syst. Botany, Univ. Copenhagen, Gothersgade 140, DK-1123 Copenhagen, Denmark] *Rangifer tarandus.*

84-000921 Jakimchuk, R. D. and D. R. Carruthers. CARIBOU ON VICTORIA ISLAND, NORTHWEST TERRITORIES, CANADA. *Acta Zool. Fenn.* No. 175. p. 149-151. 1983. WR 192
[Renewable Resour. Consulting Serv. Ltd., 9865 W. Saanich Rd., R.R. 2, Sidney, British Columbia, Canada V8L 3S1] *Rangifer tarandus groenlandicus.*

84-000922 Jakimchuk, R. D. and D. R. Carruthers. A PRELIMINARY STUDY OF THE BEHAVIOUR OF BARREN-GROUND CARIBOU DURING THEIR SPRING MIGRATION ACROSS CONTWOYTO LAKE, N.W.T., CANADA. *Acta Zool. Fenn.* No. 175. p. 117-119. 1983. WR 192
[Renewable Resour. Consulting Serv. Ltd., 9865 W. Saanich Rd., R.R. 2, Sidney, British Columbia, Canada V8L 3S1] *Rangifer tarandus.*

84-000923 Kampmann, H. UNTERSUCHUNGEN ÜBER DIE AUSWIRKUNG DES SEITENTRIEBVERBISSES DURCH REHWILD AUF DAS HÖHENWACHSTUM VON FICHTENPFLANZEN. [EXPERIMENTS OF THE EFFECT OF THE GNAWING OF SIDE SHOOTS BY ROE DEER ON THE GROWTH OF SPRUCE.] *Z. Jagdwiss.* 29(4):235-243. Dec. 1983. In German with English and French summ. WR 192
[Staatl. Forstamt Brilon, Gartenstr. 18, D-5790 Brilon, West Gemany] *Capreolus capreolus.*

84-000924 Kiessling, Karl-Heinz and Anders Kiessling. FIBRE COMPOSITION AND ENZYME ACTIVITIES IN FIVE DIFFERENT MUSCLES FROM THE SVALBARD REINDEER. *Comp. Biochem. Physiol. A Comp. Physiol.* 77(1):75-78. 1984. WR 192
[Dep. Anim. Nutr., Swedish Univ. Agric. Sci., Uppsala, Sweden] *Rangifer tarandus platyrhynchus.*

OTHER CERVIDS (CONTINUED)

84-000925 Klein, D. R. RANGE ECOLOGY AND MANAGEMENT--ADVANCES SINCE THE SECOND REINDEER/CARIBOU SYMPOSIUM. *Acta Zool. Fenn.* No. 175. p. 7-10. 1983. WR 192
[Alaska Coop. Wildl. Res. Unit, Univ. Alaska, Fairbanks 99701] *Rangifer tarandus.*

84-000926 Koskela, K. and M. Nieminen. DEATH AMONG REINDEER CAUSED BY TRAFFIC IN FINLAND DURING 1976-80. *Acta Zool. Fenn.* No. 175. p. 163. 1983. Abstract only. WR 192
[Finnish Game & Fisheries, Game Div., Koskikatu 33 A, SF-96100 Rovaniemi 10, Finland] *Rangifer tarandus.*

84-000927 Kuropat, P. and J. P. Bryant. DIGESTIBILITY OF CARIBOU SUMMER FORAGE IN ARCTIC ALASKA IN RELATION TO NUTRIENT, FIBER, AND PHENOLIC CONSTITUENTS. *Acta Zool. Fenn.* No. 175. p. 51-52. 1983. WR 192
[Alaska Coop. Wildl. Res. Unit, Univ. Alaska, Fairbanks 99701] *Rangifer tarandus.*

84-000928 Löyttyniemi, Kari and Niilo Piisilä. HIRVIVAHINGOT MÄNNYN VILJELYTAIMIKOISSA UUDENMAAN--HÄMEEN PIIRIMETSÄLAUTAKUNNAN ALUEELLA. [MOOSE (*ALCES ALCES*) DAMAGE IN YOUNG PINE PLANTATIONS IN THE FORESTRY BOARD DISTRICT UUSIMAA--HÄME.] *Folia For. (Helsinki)* 553:1-23. 1983. In Finnish with English summ. WR 192

84-000929 Lindgren, E.; E. Pulliainen; S. Sulkava; E. Erkinaro and K. Heikura. LICHEN RESOURCES AND THEIR USE IN WINTER BY FOREST REINDEER IN THE AREA OF LAKE LENTUA. *Acta Zool. Fenn.* No. 175. p. 21-23. 1983. WR 192
[Dep. Zool., Univ. Oulu, SF-90100 Oulu 10, Finland] *Rangifer tarandus* in Finland.

84-000930 Luick, B. R. and R. G. White. INDIRECT CALORIMETRIC MEASUREMENTS OF THE CARIBOU CALF. *Acta Zool. Fenn.* No. 175. p. 89-90. 1983. WR 192
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Rangifer tarandus.*

84-000931 Luick, J. R.; B. Sammons; J. Blanchard; P. G. Tallas; B. R. Luick and R. G. White. BIOSYNTHESIS OF MILK LACTOSE BY LACTATING REINDEER. *Acta Zool. Fenn.* No. 175. p. 73-74. 1983. WR 192
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Rangifer tarandus.*

84-000932 Ma Yi-ching. STATUS OF REINDEER IN CHINA. *Acta Zool. Fenn.* No. 175. p. 157-158. 1983. WR 192
[Inst. Nat. Resour., Hapin Rd., Harbin, China] *Rangifer tarandus.*

84-000933 MacNamara, Mark C. PRESERVING THE PUDU. *Anim. Kingdom* 86(4):42-44. Aug.-Sept. 1983. WR 192
*Pudu pudu.*

OTHER CERVIDS (CONTINUED)

84-000934 Makarova, O. A. CRANIOLOGICAL CHARACTERISTICS OF WILD REINDEER (*RANGIFER TARANDUS* L.) OF THE KOLA PENINSULA. *Acta Zool. Fenn.* No. 175. p. 165-166. 1983. WR 192
[Lapland Reserve, Monchegorsk, USSR] *Rangifer tarandus tarandus* in USSR.

84-000935 Martell, A. M. and D. E. Russell. MORTALITY RATE IN THE PORCUPINE CARIBOU HERD. *Acta Zool. Fenn.* No. 175. p. 139-140. 1983. WR 192
[Canadian Wildl. Serv., 204 Range Rd., Whitehorse, Yukon, Canada Y1A 3V1] *Rangifer tarandus* in Alaska and Canada.

84-000936 McGill, C. A. and D. M. Fraser. THE USE OF CARBON FIBRE IMPLANTS TO REPAIR SEVERED DIGITAL FLEXOR TENDONS IN A FALLOW DEER. *Aust. Vet. J.* 60(10):318. Oct. 1983. WR 192
[School Vet. Studies, Murdoch Univ., Murdoch, Western Australia 6150, Australia] *Cervus dama*.

84-000937 Meredith, T. C. THE CARIBOU OF UNGAVA: CURRENT USE, FUTURE OPTIONS. *Acta Zool. Fenn.* No. 175. p. 181-183. 1983. WR 192
[Dep. Geogr., McGill Univ., 805 Sherbrooke St. W., Montreal, Quebec, Canada H3A 2K6] *Rangifer tarandus* in Canada.

84-000938 Miller, F. L. RESTRICTED CARIBOU HARVEST OR WELFARE--NORTHERN NATIVE'S DILEMMA. *Acta Zool. Fenn.* No. 175. p. 171-175. 1983. WR 192
[Canadian Wildl. Serv., 1000, 9942-108th St., Edmonton, Alberta, Canada T5K 2J5] *Rangifer tarandus groenlandicus* in Canada.

84-000939 Miller, F. L.; E. Broughton and A. Gunn. MORTALITY OF NEWBORN MIGRATORY BARREN-GROUND CARIBOU CALVES, NORTHWEST TERRITORIES, CANADA. *Acta Zool. Fenn.* No. 175. p. 155-156. 1983. WR 192
[Canadian Wildl. Serv., 1000, 9942-108th St., Edmonton, Alberta, Canada T5K 2J5] *Rangifer tarandus groenlandicus*.

84-000940 Miquelle, Dale. SUMMER DEFECATION-URINATION RATES AND VOLUMES OF MOOSE. *J. Wildl. Manage.* 47(4):1230-1233. Oct. 1983. WR 192
[123 Salem St., Andover, MA 01810] *Alces alces*.

84-000941 Mitchell, B.; D. McCowan and Denise Campbell. FAECAL DEPOSITIONS AS INDICATORS OF SITE USE BY RED DEER. *Inst. Terrestrial Ecol. Annu. Rep.* p. 85-87. 1982. WR 192
*Cervus elaphus* in Scotland.

84-000942 Muller-Schwarze, D. and C. Muller-Schwarze. PLAY BEHAVIOR IN FREE-RANGING CARIBOU, *RANGIFER TARANDUS*. *Acta Zool. Fenn.* No. 175. p. 121-124. 1983. WR 192
[Coll. Environ. Sci. & For., State Univ. N.Y., Syracuse 13210]

OTHER CERVIDS (CONTINUED)

84-000943 Obrtel, Radoslav and Věra Holišová. ASSESSMENT OF THE DAMAGE DONE TO A CROP OF MAIZE (*ZEA MAYS*) BY ROE DEER (*CAPREOLUS CAPREOLUS*). *Folia Zool.* 32(2):109-118. 1983. In English with Russian summ. WR 192
[Inst. Vertebr. Zool., ČSAV, Květná 8, 603 65 Brno, Czechoslovakia]

84-000944 Persen, E.; Ø. Holand; A. B. Leifseth and H. Staaland. REINDEER GRAZING ON BRØGGERHALVØYA, SVALBARD. *Acta Zool. Fenn.* No. 175. p. 35-37. 1983. WR 192
[Dep. Zool., Agric. Univ. Norway, 1432 Ås-NLH, Norway] *Rangifer tarandus* in Norway.

84-000945 Perzanowski, Kajetan. THE EFFECT OF WINTER FOOD COMPOSITION ON ROE-DEER ENERGY BUDGET. *Acta Theriol.* 23(31):451-467. 1978. In English with Polish summ. WR 192
*Capreolus capreolus.*

84-000946 Pucher, Erich. EINE SELTENE ZAHNANOMALIE AN EINER SUBFOSSILEN MANDIBEL VON *CERVUS ELAPHUS* L. [A RARE ANOMALY IN A SUBFOSSIL MANDIBLE OF *CERVUS ELAPHUS* L.] *Z. Jagdwiss.* 29(4):248-250. Dec. 1983. In German with English and French summ. WR 192
[Archäol.-Zool. Sammlung, Naturhist. Mus., Burgring 7, A-1014 Vienna, Australia]

84-000947 Pulliainen, E.; S. Sulkava; E. Erkinaro; K. Heikura and E. Lindgren. SEASONAL MOVEMENTS OF THE WILD FOREST REINDEER (*RANGIFER TARANDUS FENNICUS*) IN EASTERN FINLAND. *Acta Zool. Fenn.* No. 175. p. 15-16. 1983. WR 192
[Dep. Zool., Univ. Oulu, SF-90100 Oulu 10, Finland]

84-000948 Pulliainen, Erkki, editor. PROCEEDINGS OF THE THIRD INTERNATIONAL THERIOLOGICAL CONGRESS, HELSINKI, 15-20 AUGUST 1982. VII. THE THIRD INTERNATIONAL REINDEER/CARIBOU SYMPOSIUM, SARISELKÄ, 23-26 AUGUST 1982. *Acta Zool. Fenn.* No. 175. 187p. 1983. WR 192
Individual papers are listed in the issue of *Wildlife Review. Rangifer tarandus.*

84-000949 Reimers, E. and T. Ringberg. SEASONAL CHANGES IN BODY WEIGHTS OF SVALBARD REINDEER FROM BIRTH TO MATURITY. *Acta Zool. Fenn.* No. 175. p. 69-72. 1983. WR 192
[Inst. Zoophysiol., Univ. Oslo, Blindern, Oslo 3, Norway] *Rangifer tarandus.*

84-000950 Røed, K. H. ENZYME POLYMORPHISM IN ONE WILD AND TWO SEMI-DOMESTIC REINDEER (*RANGIFER TARANDUS* L.) HERDS OF SOUTHERN NORWAY. *Acta Zool. Fenn.* No. 175. p. 81-83. 1983. WR 192
[Dep. Zool., Agric. Univ. Norway, 1432 Ås-NLH, Norway]

84-000951 Rowland, M. M.; A. W. Alldredge; J. E. Ellis; B. J. Weber and G. C. White. COMPARATIVE WINTER DIETS OF ELK IN NEW MEXICO. *J. Wildl. Manage.* 47(4):924-932. Oct. 1983. WR 192
[Box 513, Big Piney, WY 83113] *Cervus elaphus nelsoni.*

OTHER CERVIDS (CONTINUED)

84-000952 Rudd, William J.; A. Lorin Ward and Larry L. Irwin. DO SPLIT HUNTING SEASONS INFLUENCE ELK MIGRATIONS FROM YELLOWSTONE NATIONAL PARK? *Wildl. Soc. Bull.* 11(4):328-331. 1983. WR 192
[Dep. Zool. & Physiol., Univ. Wyo., Laramie 82071] *Cervus elaphus.*

84-000953 Ryg, M. ADVANCES IN THE PHYSIOLOGICAL STUDIES IN THE REINDEER/CARIBOU IN 1978-82. *Acta Zool. Fenn.* No. 175. p. 77-80. 1983. WR 192
[Inst. Zoophysiol., P.O. Box 1051, Blindern, Oslo 3, Norway] *Rangifer tarandus.*

84-000954 Ryg, M. and E. Jacobsen. INHIBITION OF GROWTH AND FOOD INTAKE IN REINDEER (*RANGIFER TARANDUS TARANDUS*) BY IMMUNIZATION TO THYROTROPIN-RELEASING HORMONE. *Acta Zool. Fenn.* No. 175. p. 75. 1983. Abstract only. WR 192
[Inst. Zoophysiol., P.O. Box 1051, Blindern, Oslo 3, Norway]

84-000955 Sæther, Bernt-Erik. RELATIONSHIP BETWEEN MANDIBLE LENGTH AND CARCASS WEIGHT OF MOOSE IN NORWAY. *J. Wildl. Manage.* 47(4):1226-1229. Oct. 1983. WR 192
[Game Res. Div., Directorate Wildl. & Freshwater Fish, Elgestergt. 10, N-7000 Trondheim, Norway] *Alces alces.*

84-000956 Sarma, G.; S. K. Das and P. K. Dutta. OUTBREAK OF FOOT-AND-MOUTH DISEASE IN DEER IN THE ASSAM STATE ZOO. *Vet. Rec.* 113(18):420-421. 29 Oct. 1983. WR 192
[Dep. Microbiol., Coll. Vet. Sci., Assam Agric. Univ., Khanapara, Gauhati--781 022, Assam, India] *Cervus unicolor.*

84-000957 Saukko, P. and M. Nieminen. IDENTIFICATION OF FORGED EAR-MARKS IN REINDEER. *Acta Zool. Fenn.* No. 175. p. 99-100. 1983. WR 192
[Dep. Forensic Med., Univ. Oulu, SF-90220 Oulu 22, Finland] *Rangifer tarandus.*

84-000958 Sempéré, A. J.; J. Boissin; B. Dutourne; A. Lacroix; M. R. Blanc and J. P. Ravault. VARIATIONS DE LA CONCENTRATION PLASMATIQUE EN PROLACTINE, LH, ET FSH ET DE L'ACTIVITÉ TESTICULAIRE AU COURS DE LA PREMIÈRE ANNÉE DE VIE CHEZ LE CHEVREUIL (*CAPREOLUS CAPREOLUS* L.). [VARIATIONS IN CONCENTRATIONS OF PLASMA PROLACTIN, LH, FSH AND SPERMATOGENIC ACTIVITY DURING THE FIRST YEAR OF LIFE IN ROE DEER *CAPREOLUS CAPREOLUS*.] *Gen. Comp. Endocrinol.* 52(2):247-254. Nov. 1983. In French with English summ. WR 192
[Cent. Etudes Biol. Anim. Sauvages, CNRS, Villiers-en-Bois, 79360 Beauvoir-sur-Niort, France]

84-000959 Skjenneberg, S. ADVANCE IN THE STUDY OF VETERINARY MEDICINE IN THE REINDEER/CARIBOU SINCE THE YEAR 1978. *Acta Zool. Fenn.* No. 175. p. 91-98. 1983. WR 192
[Box 378, N-9401 Harstad, Norway] *Rangifer tarandus.*

OTHER CERVIDS (CONTINUED)

84-000960 Staaland, H. and E. Jacobsen. REINDEER SODIUM AND POTASSIUM METABOLISM IN RELATION TO ECOLOGY. *Acta Zool. Fenn.* No. 175. p. 185-187. 1983. WR 192
[Dep. Zool., Agric. Univ. Norway, 1432 Ås-NLH, Norway] *Rangifer tarandus* in Norway.

84-000961 Sulkava, S.; E. Erkinaro; K. Heikura; E. Lindgren and E. Pulliainen. FOOD OF THE WILD FOREST REINDEER, *RANGIFER TARANDUS FENNICUS*, IN FINLAND IN WINTER AND SUMMER 1981. *Acta Zool. Fenn.* No. 175. p. 17-19. 1983. WR 192
[Dep. Zool., Univ. Oulu, SF-90100 Oulu 10, Finland]

84-000962 Suttie, J. M. and B. Mitchell. JAW LENGTH AND HIND FOOT LENGTH AS MEASURES OF SKELETAL DEVELOPMENT OF RED DEER (*CERVUS ELAPHUS*). *J. Zool. (Lond.)* 200(3):431-434. July 1983. WR 192
[Invermay Agric. Res. Cent., Private Bag, Mosgiel, New Zealand]

84-000963 Suttie, J. M. and W. J. Hamilton. THE EFFECT OF WINTER NUTRITION ON GROWTH OF YOUNG SCOTTISH RED DEER (*CERVUS ELAPHUS*). *J. Zool. (Lond.)* 201(2):153-159. Oct. 1983. WR 192
[Invermay Agric. Res. Cent., Private Bay, Mosgiel, New Zealand]

84-000964 Suttie, J. M. BODY SIZE:DOMINANCE RELATIONSHIPS IN RED DEER STAG CALVES. *Anim. Behav.* 31(2):610-611. May 1983. WR 192
[Invermay Agric. Res. Cent., Private Bag, Mosgiel, New Zealand] *Cervus elaphus.*

84-000965 Swanson, J. D.; M. P. Kinney and P. C. Scorup. REINDEER RANGE VEGETATION INVENTORY PROCEDURES. *Acta Zool. Fenn.* No. 175. p. 39-41. 1983. WR 192
[U.S. Soil Conserv. Serv., Anchorage, AK 99504] *Rangifer tarandus* in Alaska.

84-000966 Syrjälä-Qvist, L. and J. Salonen. EFFECT OF PROTEIN AND ENERGY SUPPLY ON NITROGEN UTILIZATION IN REINDEER. *Acta Zool. Fenn.* No. 175. p. 53-55. 1983. WR 192
[Dep. Anim. Husbandry, Univ. Helsinki, 00710 Helsinki 71, Finland] *Rangifer tarandus.*

84-000967 Thing, E. M. and H. Thing. COW-CALF BEHAVIOUR IN WEST GREENLAND CARIBOU ON THE SDR. STRØMFJORD SUMMER RANGE. *Acta Zool. Fenn.* No. 175. p. 113-115. 1983. WR 192
[Vildtbiol. Stn., Kalø, DK-8410 Rønde, Denmark] *Rangifer tarandus groenlandicus.*

84-000968 Thomas, W. C. and E. L. Arobio. PUBLIC POLICY: IMPLICATIONS FOR ALASKA REINDEER HERD MANAGEMENT. *Acta Zool. Fenn.* No. 175. p. 177-179. 1983. WR 192
[Agric. Exp. Stn., Univ. Alaska, Fairbanks 99701] *Rangifer tarandus.*

OTHER CERVIDS (CONTINUED)

84-000969 Trudell-Moore, J. and R. G. White. PHYSICAL BREAKDOWN OF FOOD DURING EATING AND RUMINATION IN REINDEER. *Acta Zool. Fenn.* No. 175. p. 47-49. 1983. WR 192
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Rangifer tarandus.*

84-000970 Tsuchiya, Takeshi; Hiroshi Nagai and Hideo Tamate. ENZYME HISTOCHEMICAL STUDY ON THE THYROID C-CELLS IN THE SIKA DEER (*CERVUS NIPPON*). *Tohoku J. Agric. Res.* 33(3-4):152-154. Mar. 1983. WR 192
[Lab. Anim. Morphol., Fac. Agric., Tohoku Univ., Sendai 980, Japan]

84-000971 Valkenburg, P.; J. L. Davis and R. D. Boertje. SOCIAL ORGANIZATION AND SEASONAL RANGE FIDELITY OF ALASKA'S WESTERN ARCTIC CARIBOU--PRELIMINARY FINDINGS. *Acta Zool. Fenn.* No. 175. p. 125-126. 1983. WR 192
[Alaska Dep. Fish & Game, 1300 College Rd., Fairbanks 99701] *Rangifer tarandus granti.*

84-000972 Valkenburg, Patrick; Rodney D. Boertje and James L. Davis. EFFECTS OF DARTING AND NETTING ON CARIBOU IN ALASKA. *J. Wildl. Manage.* 47(4):1233-1237. Oct. 1983. WR 192
[Dep. Fish & Game, 1300 College Rd., Fairbanks, AK 99701] *Rangifer tarandus.*

84-000973 Valtonen, M. H.; E. Tanhuanpää and L. Eriksson. COMPARISON OF OSMOTIC STABILITY OF RED BLOOD CELLS BETWEEN THE REINDEER AND SOME OTHER RUMINANTS. *Acta Zool. Fenn.* No. 175. p. 85-87. 1983. WR 192
[Dep. Vet. Med., Univ. Helsinki, SF-00710 Helsinki 71, Finland] *Rangifer tarandus.*

84-000974 Valtonen, M. H.; A. Uusi-Rauva and J. Salonen. RATE OF DIGESTA PASSAGE IN REINDEER AND SHEEP. *Acta Zool. Fenn.* No. 175. p. 65-67. 1983. WR 192
[Dep. Vet. Med., Univ. Helsinki, SF-00710 Helsinki 71, Finland] *Rangifer tarandus.*

84-000975 Wölfel, H. ZUR JUGENDENTWICKLUNG, MUTTER-KIND-BINDUNG UND FEINVERMEIDUNG BEIM ROTHIRSCH (*CERVUS ELAPHUS*) (II). [JUVENILE DEVELOPMENT, MOTHER-CHILD BOND AND ENEMY EVASION IN RED DEER (*CERVUS ELAPHUS*) II.] *Z. Jagdwiss.* 29(4):197-213. Dec. 1983. In German. WR 192
[Inst. Wildbiol. & Jagdkd., Univ. Göttingen, Büsgenweg 3, D-3400 Göttingen, West Germany]

84-000976 Wölfel, H. ZUR JUGENDENTWICKLUNG, MUTTER-KIND-BINDUNG UND FEINDVERMEIDUNG BEIM ROTHIRSCH (*CERVUS ELAPHUS*) (I.). [JUVENILE DEVELOPMENT, MOTHER-CHILD BOND AND ENEMY EVASION IN RED DEER (*CERVUS ELAPHUS*) (I.).] *Z. Jagdwiss.* 29(3):143-162. Sept. 1983. In German with French and English summ. WR 192
[Inst. Wildbiol. & Jagdkunde, Univ. Göttingen, Göttingen, West Germany]

OTHER CERVIDS (CONTINUED)

84-000977 Welch, D.; B. W. Staines; D. Scott and D. C. Catt. BROWSING DAMAGE DONE BY RED DEER TO YOUNG STANDS OF SITKA SPRUCE. *Inst. Terrestrial Ecol. Annu. Rep.* p. 10-12. 1982. WR 192
*Cervus elaphus* in England.

84-000978 Westermarck, H.; A. Salmi and J. Väänänen. SEASONAL VARIATIONS IN THE SELENIUM CONTENT OF ANTLERS, HIDE AND HAIR OF REINDEER. *Acta Zool. Fenn.* No. 175. p. 57-59. 1983. WR 192
[Coll. Vet. Med. & State Inst. Agric. Chem., SF-00550 Helsinki 55, Finland] *Rangifer tarandus.*

84-000979 White, R. G. and H. Staaland. RUMINAL VOLATILE FATTY ACID PRODUCTION AS AN INDICATOR OF FORAGE QUALITY IN SVALBARD REINDEER. *Acta Zool. Fenn.* No. 175. p. 61-63. 1983. WR 192
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99701] *Rangifer tarandus.*

84-000980 Whitten, K. R. and R. D. Cameron. POPULATION DYNAMICS OF THE CENTRAL ARCTIC HERD, 1975-1981. *Acta Zool. Fenn.* No. 175. p. 159-161. 1983. WR 192
[Alaska Dep. Fish & Game, 1300 College Rd., Fairbanks 99701] *Rangifer tarandus granti* in Alaska.

84-000981 Witmer, G. W. and D. S. deCalesta. HABITAT USE BY FEMALE ROOSEVELT ELK IN THE OREGON COAST RANGE. *J. Wildl. Manage.* 47(4):933-939. Oct. 1983. WR 192
[Coop. Park Studies Unit, 3200 Jefferson Way, Corvallis, OR 97331] *Cervus elaphus roosevelti.*

84-000982 Wydeven, Adrian P. and Robert B. Dahlgren. FOOD HABITS OF ELK IN THE NORTHERN GREAT PLAINS. *J. Wildl. Manage.* 47(4):916-923. Oct. 1983. WR 192
[Dep. Nat. Resour., Box 2565, Oshkosh, WI 54903] *Cervus elaphus nelsoni* in South Dakota.

84-000983 Zejda, Jan and Ctibor Babička. VARIABILITY OF ANTLERS IN A SIKA DEER (*CERVUS NIPPON*) POPULATION IN CZECHOSLOVAKIA. *Folia Zool.* 32(3):225-240. 1983. In English with Russian summ. WR 192
[Inst. Vertebr. Zool., ČSAV, Květná 8, 603 65 Brno, Czechoslovakia]

OTHER UNGULATES

84-000984 Adams, Layne G.; Kenneth L. Risenhoover and James A. Bailey. ECOLOGICAL RELATIONSHIPS OF MOUNTAIN GOATS AND ROCKY MOUNTAIN BIGHORN SHEEP. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 9-22. 1982. WR 192
[U.S. Bur. Land Manage., P.O. Box 1150, Fairbanks, AK 99707] *Oreamnos americanus* and *Ovis canadensis* in Colorado.

OTHER UNGULATES (CONTINUED)

84-000985 Adams, Layne G.; Mark A. Masteller and James A. Bailey. MOVEMENT AND HOME RANGE OF MOUNTAIN GOATS, SHEEP MOUNTAIN-GLADSTONE RIDGE, COLORADO. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 391-405. 1982. WR 192
[U.S. Bur. Land Manage., P.O. Box 1150, Fairbanks, AK 99707] *Oreamnos americanus.*

84-000986 Adams, Layne G. and James A. Bailey. WINTER FORAGES OF MOUNTAIN GOATS IN CENTRAL COLORADO. *J. Wildl. Manage.* 47(4):1237-1243. Oct. 1983. WR 192
[U.S. Bur. Land Manage., Box 1150, Fairbanks, AK 99707] *Oreamnos americanus.*

84-000987 Anderson, Irmgard G. THE PREVELANCE OF HELMINTHS IN IMPALA *AEPYCEROS MELAMPUS* (LICHTENSTEIN 1812) UNDER GAME RANCHING CONDITIONS. *S. Afr. J. Wildl. Res.* 13(3):55-70. Sept. 1983. In English with Afrikaans summ. WR 192
[Dep. Zool., Univ. Zululand, Kwa-Dlangezwa 3886, South Africa]

84-000988 Ashby, Kenneth R. and Charles Santiapillai. THE ECOLOGY OF FREE-LIVING WATER BUFFALO (*BUBALUS BUBALIS* L.) IN SRI LANKA AND WITH PARTICULAR REFERENCE TO RUHUNA NATIONAL PARK. *Tigerpaper* 10(1):20-26. 1983. WR 192

84-000989 Bangjie, Tan. WILD HORSES FOUND IN NORTHERN CHINA. *Int. Zoo News* 28(1):16-17. Jan.-Feb. 1981. WR 192
*Equus przewalskii.*

84-000990 Bennett, Beth. SOCIAL DOMINANCE IN FEMALE BIGHORN SHEEP. *Am. Zool.* 23(4):936. 1983. Abstract only. WR 192
[Univ. Colo., Boulder] *Ovis canadensis canadensis.*

84-000991 Berger, Joel. PREDATION, SEX RATIOS, AND MALE COMPETITION IN EQUIDS (MAMMALIA: PERISSODACTYLA). *J. Zool. (Lond.)* 201(2):205-216. Oct. 1983. WR 192
[Conserv. & Res. Cent., Natl. Zool. Park, Smithsonian Inst., Front Royal, VA 22630] *Equus caballus, E. asinus, E. zebra,* and *E. burchelli.*

84-000992 Bush, M.; R. S. Custer; J. C. Whitla and R. J. Montali. HEMATOLOGIC AND SERUM CHEMISTRY VALUES OF CAPTIVE SCIMITAR-HORNED ORYX (*ORYX TAO*): VARIATIONS WITH AGE AND SEX. *J. Zoo Anim. Med.* 14(2):51-55. June 1983. WR 192
[Dep. Anim. Health, Natl. Zool. Park, Washington, DC 20008]

84-000993 Carl, Gary R. and Robert D. Brown. PROTOZOA IN THE FORESTOMACH OF THE COLLARED PECCARY (*TAYASSU TAJACU*). *J. Mammal.* 64(4):709. 25 Nov. 1983. WR 192
[Caesar Kleberg Wildl. Res. Inst., Tex. A&I Univ., Kingsville 78363]

OTHER UNGULATES (CONTINUED)

84-000994 Christopherson, R. J.; R. J. Hudson and R. J. Richmond. COMPARATIVE WINTER BIOENERGETICS OF AMERICAN BISON, YAK, SCOTTISH HIGHLAND AND HEREFORD CALVES. *Acta Theriol.* 23(2):49-54. 1978. In English with Polish summ. WR 192
*Bison bison* in Canada.

84-000995 Cooperrider, Els B. and Richard M. Hansen. FORAGE SELECTION BY BIGHORN SHEEP EWES AND LAMBS IN SOUTHCENTRAL COLORADO. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 262-277. 1982. WR 192
[Dep. Range Sci., Colo. State Univ., Fort Collins 80523] *Ovis canadensis canadensis.*

84-000996 Dale, Alan R. and James A. Bailey. APPLICATION OF OPTIMAL FORAGING THEORY FOR BIGHORN SHEEP HABITAT EVALUATION. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 254-261. 1982. WR 192
[Dep. Fish. & Wildl. Biol., Colo. State Univ., Fort Collins 80523] *Ovis canadensis* in Colorado.

84-000997 Dubost, Gérard. LE COMPORTEMENT DE *CEPHALOPHUS MONTICOLA* THUNBERG ET *C. DORSALIS* GRAY, ET LA PLACE DES CÉPHALOPHES AU SEIN DES RUMINANTS. [THE BEHAVIOUR OF *CEPHALOPHUS MONTICOLA* THUNBERG AND *C. DORSALIS* GRAY, AND EVOLUTIVE SITUATION OF THE CEPHALOPHS AMONG THE RUMINANTS.] *Mammalia* 47(3):281-310. 1983. In French with English summ. WR 192
[Lab. d'Ecol. Tropical, C.N.R.S., Lab. d'Ecol. Générale Mus., 4 Ave. Petit-Château, F-91800 Brunoy, France]

84-000998 Durrant, Barbara S. REPRODUCTIVE STUDIES OF THE ORYX. *Zoo Biol.* 2(3):191-197. 1983. WR 192
[Res. Dep., Zool. Soc., P.O. Box 551, San Diego, CA 92112] *Oryx leucoryx, O. dammah* and *O. callotis.*

84-000999 Dziurdzik, Bogumiła. HISTOLOGICAL STRUCTURE OF THE HAIR IN HYBRIDS OF EUROPEAN BISON AND DOMESTIC CATTLE. *Acta Theriol.* 23(16):277-284. 1978. In English with Polish summ. WR 192
*Bison bonasus.*

84-001000 Emmerich, John M.; Marvin Hockley and Edward S. Kimber. ELECTRONIC RELEASE SYSTEM FOR DROP NETS. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 83-91. 1982. WR 192
[Game & Fish Dep., Lander, WY] *Ovis canadensis* in Wyoming.

84-001001 Estes, Richard D. SABLE BY MOONLIGHT. *Anim. Kingdom* 86(4):10-16. Aug.-Sept. 1983. WR 192
*Hippotragus niger* in Angola.

84-001002 Fairall, N. PRODUCTION PARAMETERS OF THE IMPALA, *AEPYCEROS MELAMPUS. S. Afr. J. Anim. Sci.* 13(3):176-179. Sept. 1983. In English with Afrikaans summ. WR 192
[Mammal Res. Inst., Univ. Pretoria, Pretoria 0002, South Africa]

OTHER UNGULATES (CONTINUED)

84-001003 Fitter, Richard. Rx FOR AN ENDANGERED SPECIES: OPERATION ORYX. *Anim. Kingdom* 86(6):28-33. Dec. 1983-Jan. 1984. WR 192
*Oryx leucoryx* in Saudi Arabia.

84-001004 Foster, Bryan R. and Engel Y. Rahs. IMPLICATIONS OF MATERNAL SEPARATION ON OVERWINTER SURVIVAL OF MOUNTAIN GOAT KIDS. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 351-363. 1982. WR 192
[Dep. Anim. Sci., Univ. British Columbia, Vancouver, British Columbia, Canada] *Oreamnos americanus* in North America.

84-001005 Geist, Valerius. ON "POPULATION CONTROL" WITH REFERENCE TO MOUNTAIN SHEEP AND GOATS. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 23-24. 1982. Abstract only. WR 192
[Fac. Environ. Design, Univ. Calgary, Calgary, Alberta, Canada T2N 1N4] *Oreamnos americanus* and *Ovis canadensis*.

84-001006 Goodson, Nike J. EFFECTS OF DOMESTIC SHEEP GRAZING ON BIGHORN SHEEP POPULATIONS: A REVIEW. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 287-313. 1982. WR 192
[Dep. Anim. Sci., Univ. Alberta, Edmonton, Alberta, Canada T6G 2P5] *Ovis canadensis canadensis* in Montana.

84-001007 Gray, Gary G. and C. David Simpson. POPULATION CHARACTERISTICS OF FREE-RANGING BARBARY SHEEP IN TEXAS. *J. Wildl. Manage.* 47(4):954-962. Oct. 1983. WR 192
[Dep. Biol. Sci., Northern Ill. Univ., DeKalb 60115] *Ammotragus lervia*.

84-001008 Groves, Colin and Peter Grubb. A SYSTEMATIC REVISION OF DUIKERS (CEPHALOPHINI, ARTIODACTYLA). *Afr. Small Mammal Newsl. Spec.* No. 4. p. 35. July 1981. Abstract only. WR 192
*Sylvicapra, Philantomba* and *Cephalophus* in Africa.

84-001009 Groves, Colin P. THE SKULLS OF ASIAN RHINOCEROSES: WILD AND CAPTIVE. *Zoo Biol.* 1(3):251-261. 1982. WR 192
[Dep. Prehistory & Anthropol., Australian Natl. Univ., P.O. Box 4, Canberra, ACT 2600, Australia] *Rhinoceros unicornis, R. sondaicus,* and *Dicerorhinus sumatrensis.*

84-001010 Hassenberg, Liselore. VERHALTENSBEOBACHTUNGEN AM HIMALAJA-TAHR, *HEMITRAGUS JEMLAHICUS* (H. SMITH, 1826), IN GEFANGENSCHAFT. [OBSERVATIONS ON HIMALAYAN TAHR *HEMITRAGUS JEMLAHICUS* BEHAVIOR IN CAPTIVITY.] *Säugetierkd. Mitt.* 29(2):1-45. 1981. In German with English summ. WR 192

84-001011 Hearn, G. W. HISTOLOGICAL STRUCTURE OF THE SKIN GLANDS OF THE SPRINGBUCK, *ANTIDORCAS MARSUPIALIS. Am. Zool.* 23(4):934. 1983. Abstract only. WR 192
[Beaver Coll., Glenside, PA]

OTHER UNGULATES (CONTINUED)

84-001012 Heimer, Wayne E. and Sarah M. Watson. DIFFERING REPRODUCTIVE PATTERNS IN DALL SHEEP: POPULATION STRATEGY OR MANAGEMENT ARTIFACT? *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 330-338. 1982. WR 192
[Dep. Fish & Game, Fairbanks, AK] *Ovis dalli dalli* in Alaska.

84-001013 Heimer, Wayne E.; Randall L. Zarnke and Diane J. Preston. DISEASE SURVEYS IN DALL SHEEP IN ALASKA (PREPARING FOR DOMESTIC GRAZING). *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 188-197. 1982. WR 192
[Dep. Fish & Game, Fairbanks, AK] *Ovis dalli.*

84-001014 Heimer, Wayne E. DALL SHEEP MANAGEMENT IN ALASKA FOLLOWING CONGRESSIONAL SETTLEMENT OF THE ALASKA LANDS ISSUE. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 1-8. 1982. WR 192
[Dep. Fish & Game, Fairbanks, AK] *Ovis dalli.*

84-001015 Herbert, D. M. and H. D. Langin. MOUNTAIN GOAT INVENTORY AND HARVEST STRATEGIES: A RE-EVALUATION. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 339-350. 1982. WR 192
[Fish & Wildl. Branch, Williams Lake, British Columbia, Canada V26 1R8] *Oreamnos americanus* in Canada.

84-001016 Hitchins, P. M. and J. L. Anderson. REPRODUCTION, POPULATION CHARACTERISTICS AND MANAGEMENT OF THE BLACK RHINOCEROS *DICEROS BICORNIS MINOR* IN THE HLUHLUWE/CORRIDOR/UMFOLOZI GAME RESERVE COMPLEX. *S. Afr. J. Wildl. Res.* 13(3):78-85. Sept. 1983. In English with Afrikaans summ. WR 192
[P.O. Box 8, Mfolozi 3925, South Africa]

84-001017 Hoefs, Manfred and Tony Nette. HORN GROWTH AND HORN WEAR IN DALL RAMS AND THEIR RELEVANCE TO MANAGEMENT. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 143-156. 1982. WR 192
[Dep. Renewable Resour., Wildl. Manage. Sect., Whitehorse, Yukon Territory, Canada] *Ovis dalli* in Canada.

84-001018 Horwich, Robert H.; Stephen J. H. Cogswell; Jane Burrows and Nancy Mitchell. SEASONAL VARIATION IN MOTHER-DAUGHTER GROUPINGS IN SIBERIAN IBEX (*CAPRA IBEX SIBERICA*). *Zoo Biol.* 1(4):345-354. 1982. WR 192
[Inst. Micro-ontogentic Ethol. & Microcosmol. Ecol., RD1 Box 96, Gays Mills, WI 54631]

84-001019 Huth, Hans-Hermann. VERHALTENSSTUDIEN AN PFERDEBÖCKEN (HIPPOTRAGINAE) UNTER BERÜCKSICHTIGUNG STAMMESGESCHICHTLICHER UND SYSTEMATISCHER FRAGEN. [BEHAVIORAL STUDIES ON HIPPOTRAGINE ANTELOPE RELATED TO THE QUESTION OF EVOLUTION AND CLASSIFICATION.] *Säugetierkd. Mitt.* 28(3):161-245. 1980. In German with English summ. WR 192
[Friedberger Anlage 7, 6000 Frankfurt am Main, West Germany] *Hippotragus*

OTHER UNGULATES (CONTINUED)

84-001019 CONTINUED *niger niger, Oryx gazella gazella, O. g. dammah,* and *Addax nasomaculatus.*

84-001020 Jainudeen, M. R.; W. Sharifuddin and F. Bashir Ahmad. RELATIONSHIP OF OVARIAN CONTENTS TO PLASMA PROGESTERONE CONCENTRATION IN THE SWAMP BUFFALO (*BUBALUS BUBALIS*). *Vet. Rec.* 113(16):369-374. 15 Oct. 1983. WR 192
[Dep. Vet. Clin. Studies, Univ. Pertanian Malaysia, Serdang, Selangor, Malaysia]

84-001021 Jaworowska, Magdalena. DIE FORTPFLANZUNG PRIMITIVER POLNISCHER PFERDE, DIE FREI IM WALDSCHUTZGEBIET LEBEN. [REPRODUCTION OF PRIMITIVE HORSES FREE LIVING IN A POLISH CONSERVATION FOREST.] *Säugetierkd. Mitt.* 29(2):46-71. 1981. In German with English summ. WR 192
*Equus caballus.*

84-001022 Johnson, Rolf and Bruce Moorhead. TRAPPING AND TRANSPLANTING MOUNTAIN GOATS IN WASHINGTON STATE. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 106-114. 1982. WR 192
[Dep. Game, Olympia, WA 98504] *Oreamnos americanus.*

84-001023 Kimani, James Kirumbi. THE STRUCTURAL ORGANIZATION OF THE TUNICA INTIMA IN THE CAROTID ARTERIES OF THE GIRAFFE (*GIRAFFA CAMELOPARDALIS*). *Afr. J. Ecol.* 21(4):309-315. Dec. 1983. In English with French summ. WR 192
[Dep. Human Anat., Univ. Nairobi, P.O. Box 30197, Nairobi, Kenya]

84-001024 Kimani, James Kirumbi. THE STRUCTURAL ORGANIZATION OF THE CAROTID ARTERIAL SYSTEM OF THE GIRAFFE (*GIRAFFA CAMELOPARDALIS*). *Afr. J. Ecol.* 21(4):317-324. Dec. 1983. In English with French summ. WR 192
[Dep. Human Anat., Univ. Nairobi, P.O. Box 30197, Nairobi, Kenya]

84-001025 Kleynhans, C. J. THE RUMEN CILIATES OF GREATER KUDU *TRAGELAPHUS STREPSICEROS* (PALLAS) FROM SOUTH AFRICA AND ZIMBABWE WITH A DESCRIPTION OF ONE NEW SPECIES. *S. Afr. J. Zool.* 17(1):11-14. 1982. In English with Afrikaans summ. WR 192
[Provincial Fish. Inst., Private Bag X1088, Lydenburg 1120, South Africa]

84-001026 Kopec, Leonard L. CUTOFF BIGHORN TRANSPLANT: THE FIRST TWO YEARS. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 92-105. 1982. WR 192
[Coop. Wildl. Res. Unit, Univ. Mont., Missoula 59812] *Ovis canadensis canadensis* in Montana.

84-001027 Koubek, Petr and Vít Hrabě. DYNAMICS OF HORN GROWTH IN THE JESENÍKY MTS. POPULATION OF CHAMOIS, *RUPICAPRA RUPICAPRA RUPICAPRA* (ČSSR). *Folia Zool.* 32(2):97-107. 1983. In English

OTHER UNGULATES (CONTINUED)

84-001027 CONTINUED with Russian summ. WR 192
[Inst. Vertebr. Zool., ČSAV, Květná 8, 603 65 Brno, Czechoslovakia]

84-001028 Koubek, Petr and Vít Hrabě. CRANIOMETRICAL CHARACTERISTICS OF *RUPICAPRA RUPICAPRA CAUCASICA*. *Folia Zool.* 32(3):213-223. 1983. In English with Russian summ. WR 192
[Inst. Vertebr. Zool., ČSAV, Květná 8, 603 65 Brno, Czechoslovakia]

84-001029 Kranz, Karl R. A NOTE ON THE STRUCTURE OF TAIL HAIRS FROM A PYGMY HIPPOPOTAMUS *(CHOEROPSIS LIBERIENSIS)*. *Zoo Biol.* 1(3):237-241. 1982. WR 192
[Dep. Zool. Res., Natl. Zool. Park, Smithsonian Inst., Washington, DC 20008]

84-001030 Krasiński, Zbigniew A. DYNAMICS AND STRUCTURE OF THE EUROPEAN BISON POPULATION IN THE BIAŁOWIEZA PRIMEVAL FOREST. *Acta Theriol.* 23(1):3-48. 1978. In English with Polish summ. WR 192
*Bison bonasus* in Poland.

84-001031 Krausman, Paul R. and John J. Hervert. MOUNTAIN SHEEP RESPONSES TO AERIAL SURVEYS. *Wildl. Soc. Bull.* 11(4):372-375. 1983. WR 192
[Wildl., Fish, & Recreation Resour., School Renewable Nat. Resour., Univ. Ariz., Tucson 85721] *Ovis canadensis mexicana* in Arizona.

84-001032 Laurie, W. A.; E. M. Lang and C. P. Groves. *RHINOCEROS UNICORNIS*. *Am. Soc. Mammal. Mammal. Species* No. 211. p. 1-6. 15 Dec. 1983. WR 192
[Dep. Zool., Univ. Cambridge, Cambridge, England]

84-001033 Lochmiller, Robert L. and W. E. Grant. INTRASPECIFIC AGGRESSION RESULTS IN DEATH OF A COLLARED PECCARY. *Zoo Biol.* 1(2):161-162. 1982. WR 192
[Dep. Wildl. & Fish. Sci., Nagle Hall, Tex. A&M Univ., College Station 77843] *Dicotyles tajacu*.

84-001034 Mallon, David. THE STATUS OF LADAKH URIAL *OVIS ORIENTALIS VIGNEI* IN LADAKH, INDIA. *Biol. Conserv.* 27(4):373-381. 1983. WR 192
[98 Wilbraham Rd., Manchester M14 7DR, England]

84-001035 Maruyama, Naoki and Satoru Nakama. BLOCK COUNT METHOD FOR ESTIMATING SEROW POPULATIONS. *Jpn. J. Ecol.* 33(3):243-251. Sept. 1983. In English with Japanese summ. WR 192
[Fac. Agric., Tokyo Noko Univ., 3-5-8 Saiwaicho, Fuchu, Tokyo 183, Japan] *Capricornis crispus* in Japan.

OTHER UNGULATES (CONTINUED)

84-001036 Meagher, Mary. AN OUTBREAK OF PINKEYE IN BIGHORN SHEEP, YELLOWSTONE NATIONAL PARK: A PRELIMINARY REPORT. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 198-201. 1982. WR 192
[U.S. Natl. Park Serv., Yellowstone National Park, WY 82190] *Ovis canadensis.*

84-001037 Merchant, P.; M. Hoefs; T. Nette; W. Kale and M. Janssen. A SIMPLE MEASURING DEVICE FOR SHEEP HORNS. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 157-162. 1982. WR 192
[Div. Wildl., Box 2703, Whitehorse, Yukon Territory, Canada] *Ovis canadensis.*

84-001038 Miller, R. E. and W. J. Boever. REPAIR OF A RECTAL STRICTURE AND PROLAPSE IN A PYGMY HIPPOPOTAMUS (*CHOEROPSIS LIBERIENSIS*). *J. Zoo Anim. Med.* 14(2):63-66. June 1983. WR 192
[St. Louis Zool. Park, St. Louis, MO]

84-001039 Miller, Richard. HABITAT USE OF FERAL HORSES AND CATTLE IN WYOMING'S RED DESERT. *J. Range Manage.* 36(2):195-199. Mar. 1983. WR 192
[Game & Fish Dep., 2222 W. Greenway Rd., Phoenix, AZ 85023] *Equus caballus.*

84-001040 Miller, Richard. SEASONAL MOVEMENTS AND HOME RANGES OF FERAL HORSE BANDS IN WYOMING'S RED DESERT. *J. Range Manage.* 36(2):199-201. Mar. 1983. WR 192
[Game & Fish Dep., 2222 W. Greenway Rd., Phoenix, AZ 85023] *Equus caballus.*

84-001041 Miyashita, Minoru and Kenjiro Nagase. BREEDING THE MONGOLIAN GAZELLE *PROCAPRA GUTTUROSA* AT OSAKA ZOO. *Int. Zoo Yearb.* 21:158-162. 1981. WR 192
[Osaka Municipal Tennoji Zoo, 6-74 Chausuyama-cho, Tennoji, Osaka, 543, Japan]

84-001042 Morgart, John R. and Paul R. Krausman. EARLY BREEDING IN BIGHORN SHEEP. *Southwest. Nat.* 28(4):460-461. 9 Dec. 1983. WR 192
[Div. Wildl., Fish. & Recreation Resour., School Renewable Resour., Univ. Ariz., Tucson 85721] *Ovis canadensis* in Arizona.

84-001043 Murdock, Gwendolyn K.; William Wren Stine and Terry L. Maple. OBSERVATIONS OF MATERNAL-INFANT INTERACTIONS IN A CAPTIVE HERD OF SABLE ANTELOPE (*HIPPOTRAGUS NIGER*). *Zoo Biol.* 2(3):215-224. 1983. WR 192
[School Psychol., Ga. Inst. Technol., Atlanta 30332]

84-001044 Musienko, Iu. S.; N. A. Dolgobrod and V. A. Chernikov. [THE PROGRESS OF THE BISON AND CATTLE HYBRIDS.] *Vestn. Skh. Nauki (Mosc.)* 1983(9):74-77. Sept. 1983. In Russian. WR 192
*Bison* sp.

OTHER UNGULATES (CONTINUED)

84-001045 National Research Council. WILD AND FREE-ROAMING HORSES AND BURROS. *Natl. Res. Council (Washington, D.C.)* BLM-AA-TE-82-001-4700. 87p. Oct. 1982. From U.S. Government Reports 83(10):2228. 13 May 1983. Available from NTIS as PB83-153189. WR 192
*Equus caballus* and *E. asinus*.

84-001046 National Research Council. WILD AND FREE-ROAMING HORSES AND BURROS. FINAL REPORT. *Natl. Res. Council (Washington, D.C.)* 88p. 1982. From U.S. Government Reports 83(10):2105. 13 May 1983. Available from NTIS as PB83-156463. WR 192
*Equus caballus* and *E. asinus*.

84-001047 Nichols, Lyman, Jr. CAPTURE AND RADIO TELEMETRY OF MOUNTAIN GOATS IN ALASKA. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 115-126. 1982. WR 192
[Dep. Fish & Game, Cooper Landing, AK 99572] *Oreamnos americanus*.

84-001048 Partridge, John. THE MANAGEMENT OF THE PYGMY HIPPOPOTAMUS (*CHOEROPSIS LIBERIENSIS*) AT BRISTOL ZOO. *Int. Zoo News* 30(3):28-41. May-June 1983. WR 192

84-001049 Pellew, R. A. THE GIRAFFE AND ITS FOOD RESOURCE IN THE SERENGETI. I. COMPOSITION, BIOMASS AND PRODUCTION OF AVAILABLE BROWSE. *Afr. J. Ecol.* 21(4):241-267. Dec. 1983. In English with French summ. WR 192
[Edinburgh Bldg., Cambridge Univ. Press, Shaftesbury Rd., Cambridge CB2 2RU, England] *Giraffa camelopardalis tippelskirchi* in Tanzania.

84-001050 Pellew, R. A. THE GIRAFFE AND ITS FOOD RESOURCE IN THE SERENGETI. II. RESPONSE OF THE GIRAFFE POPULATION TO CHANGES IN THE FOOD SUPPLY. *Afr. J. Ecol.* 21(4):269-283. Dec. 1983. In English with French summ. WR 192
[Edinburgh Bldg., Cambridge Univ. Press, Shaftesbury Rd., Cambridge CB2 2RU, England] *Giraffa camelopardalis tippelskirchi* in Tanzania.

84-001051 Reinhardt, V. and P. F. Flood. BEHAVIOURAL ASSESSMENT IN MUSKOX CALVES. *Behaviour* 87(1-2):1-21. 1983. In English with German summ. WR 192
[Dep. Vet. Anat., Western Coll. Vet. Med., Univ. Saskatchewan, Saskatoon, Saskatchewan, Canada] *Ovisbos moschatus*.

84-001052 Risenhoover, Kenneth L. and James A. Bailey. SOCIAL DYNAMICS OF MOUNTAIN GOATS IN SUMMER: IMPLICATIONS FOR AGE RATIOS. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 364-373. 1982. WR 192
[Dep. Biol. Sci., Mich. Technol. Univ., Houghton 49931] *Oreamnos americanus* in Colorado.

84-001053 Rominger, Eric A. and James A. Bailey. FORAGE PREFERENCE INDICES: ADJUSTING FORAGE AVAILABILITY DATA FOR HABITAT SELECTION. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and*

OTHER UNGULATES (CONTINUED)

84-001053 CONTINUED *Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 278-286. 1982. WR 192
[Dep. Fish. & Wildl. Biol., Colo. State Univ., Fort Collins 80523] *Ovis canadensis canadensis* in Colorado.

84-001054 Rutberg, A. T. THE IMPACT OF AGGRESSION ON FEEDING EFFICIENCY DURING GRAZING. *Am. Zool.* 23(4):935. 1983. Abstract only. WR 192
[Univ. Wash., Seattle] *Bison bison* in Wyoming and Montana.

84-001055 Rutberg, Allen T. FACTORS INFLUENCING DOMINANCE STATUS IN AMERICAN BISON COWS (*BISON BISON*). *Z. Tierpsychol.* 63(2-3):206-212. Oct.-Nov. 1983. In English with German summ. WR 192
[Dep. Zool., NJ-15, Univ. Wash., Seattle 98195]

84-001056 Samuel, W. B. and J. B. Gray. EVALUATION OF THE BAERMANN TECHNIC FOR RECOVERY OF LUNGWORM (NEMATODA, PROTOSTRONGYLIDAE) LARVAE FROM WILD RUMINANTS. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 232-243. 1982. WR 192
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada] *Ovis canadensis.*

84-001057 Sheffield, William J. FOOD HABITS OF NILGAI ANTELOPE IN TEXAS. *J. Range Manage.* 36(3):316-322. May 1983. WR 192
*Boselaphus tragocamelus*

84-001058 Skiba, Gary T. and John L. Schmidt. INBREEDING IN BIGHORN SHEEP: A CASE STUDY. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 43-53. 1982. WR 192
[Dep. Fish. & Wildl. Biol., Colo. State Univ., Fort Collins 80523] *Ovis canadensis canadensis* in Colorado and Utah.

84-001059 Smith, Christian A. and Kenneth J. Raedeke. GROUP SIZE AND MOVEMENTS OF A DISPERSED, LOW DENSITY GOAT POPULATION WITH COMMENTS ON INBREEDING AND HUMAN IMPACT. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 54-67. 1982. WR 192
[Dep. Fish & Game, Ketchikan, AK 99901] *Oreamnos americanus* in Alaska.

84-001060 Smith, Kirby G. WINTER STUDIES OF FOREST-DWELLING MOUNTAIN GOATS OF PINTO CREEK, ALBERTA. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 374-390. 1982. WR 192
[Fish & Wildl. Div., Box 1390, Edson, Alberta, Canada T0E 0P0] *Oreamnos americanus* in Canada.

84-001061 Spraker, T. R. and C. P. Hibler. AN OVERVIEW OF THE CLINICAL SIGNS, GROSS AND HISTOLOGICAL LESIONS OF THE PNEUMONIA COMPLEX OF BIGHORN SHEEP. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 163-172. 1982. WR 192
[Dep. Pathol., Colo. State Univ., Fort Collins 80523] *Ovis canadensis.*

OTHER UNGULATES (CONTINUED)

84-001062 Starin, E. D. WATCHING THE SHY SITATUNGA. *Anim. Kingdom* 86(5):20-22. Oct.-Nov. 1983. WR 192
*Tragelaphus spekei* in Gambia.

84-001063 Stemp, Raymond. HEART RATE RESPONSES OF BIGHORN SHEEP TO SOME ENVIRONMENTAL FACTORS. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 314-319. 1982. WR 192
[Fac. Environ. Design, Univ. Calgary, Calgary, Alberta, Canada] *Ovis canadensis* in Canada.

84-001064 Stevens, David R. BIGHORN SHEEP MANAGEMENT IN ROCKY MOUNTAIN NATIONAL PARK. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 244-253. 1982. WR 192
[U.S. Natl. Park Serv., Estes Park, CO] *Ovis canadensis*.

84-001065 Stevens, Victoria. THE DYNAMICS OF DISPERSAL IN AN INTRODUCED MOUNTAIN GOAT POPULATION. *Ph.D. dissertation, Univ. Wash.* 216p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):966-967. Oct. 1983. WR 192
*Oreamnos americanus* in Washington.

84-001066 Stewart, Shawn T. and Thomas W. Butts. HORN GROWTH AS AN INDEX TO LEVELS OF INBREEDING IN BIGHORN SHEEP. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 68-82. 1982. WR 192
[Dep. Fish, Wildl. & Parks, Box 581, Red Lodge, MT 59068] *Ovis canadensis canadensis* in Montana.

84-001067 Stine, Wm. Wren; Leonard L. Howell; Gwendolyn K. Murdock; M. Christopher Newland; Linda Conradsen and Terry L. Maple. THE CONTROL OF PROGRESSION ORDER IN A CAPTIVE HERD OF SABLE ANTELOPE (*HIPPOTRAGUS NIGER*). *Zoo Biol.* 1(2):89-110. 1982. WR 192
[Maple: School Psychol., Ga. Inst. Technol., Atlanta 30332]

84-001068 Tamate, Hideo and Junzo Yamada. HISTOLOGICAL AND IMMUNOCYTOCHEMICAL OBSERVATION OF THE HINDSTOMACH OF THE COLLARED PECCARY, *DICOTYLES TAJACU* (TAYASSUIDAE). *Jpn. J. Vet. Sci.* 45(5):547-559. Oct. 1983. In English with Japanese summ. WR 192
[Lab. Anim. Morphol., Fac. Agric., Tohoku Univ., 1-1 Tsutsumidori-Amamiyamachi, Sendai 980, Japan]

84-001069 Thompson, Richard W. MOUNTAIN GOAT SODIUM DYNAMICS IN THE EAGLES NEST WILDERNESS, COLORADO. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 202-231. 1982. WR 192
[Western Ecosystems, Inc., 1292 Ceres Dr., Lafayette, CO 80026]

84-001070 Tiba, Tosiro; Makoto Sugimura and Yoshitaka Suzuki. KINETIK DER SPERMATOGENESE BEI DER WOLLHAARGEMSE (*CAPRICORNIS CRISPUS*). I. GESCHLECHTSREIFE UND JAHRESZEITLICHE SCHWANKUNG. [KINETICS OF SPERMATOGENESIS

OTHER UNGULATES (CONTINUED)

84-001070 CONTINUED IN THE JAPANESE SEROW (*CAPRICORNIS CRISPUS*). I. SEXUAL MATURATION AND SEASONAL CHANGES.] *Zool. Anz.* 207(1/2):16-24. 1981. In German with English summ. WR 192
[Monkey Care Lab., Primate Res. Inst., Kyoto Univ., Inugama, Aichi 484, Japan]

84-001071 Tiba, Tosiro; Makoto Sugimura and Yoshitaka Suzuki. KINETIK DER SPERMATOGENESE BEI DER WOLLHAARGEMSE (*CAPRICORNIS CRISPUS*). II. SAMENEPITHELZYKLUS UND SAMENEPITHELWELLE. [KINETICS OF SPERMATOGENESIS IN THE JAPANESE SEROW (*CAPRICORNIS CRISPUS*). II. SEMINIFEROUS EPITHELIAL CYCLE AND SEMINIFEROUS EPITHELIAL WAVE.] *Zool. Anz.* 207(1/2):25-34. 1981. In German with English summ. WR 192
[Monkey Care Lab., Primate Res. Cent., Kyoto Univ., Inuyama, Aichi 484, Japan]

84-001072 Tucker, Ronald D. and Gerald W. Garner. HABITAT SELECTION AND VEGETATIONAL CHARACTERISTICS OF ANTELOPE FAWN BEDSITES IN WEST TEXAS. *J. Range Manage.* 36(1):110-113. Jan. 1983. WR 192
[U.S. Bur. Land Manage., Cedar City, UT 84720] *Antilocapra americana.*

84-001073 Udell, Carole C. BREEDING THE ZEBRA DUIKER *CEPHALOPHUS ZEBRA* AT THE LOS ANGELES ZOO. *Int. Zoo Yearb.* 21:155-158. 1981. WR 192
[Los Angeles Zoo, 5333 Zoo Dr., Los Angeles, CA 90027]

84-001074 Uerpmann, Hans-Peter. *OVIS MUSIMON* SCHREBER, 1782, ODER *OVIS MUSIMON* PALLAS, 1814? [*OVIS MUSIMON* SCHREBER 1782, OR *OVIS MUSIMON* PALLAS 1814?] *Säugetierkd. Mitt.* 29(4):59-60. 1981. In German. WR 192

84-001075 Van Vuren, Dirk and Martin P. Bray. DIETS OF BISON AND CATTLE ON A SEEDED RANGE IN SOUTHERN UTAH. *J. Range Manage.* 36(4):499-500. July 1983. WR 192
[Dep. Systematics & Ecol., Univ. Kans., Lawrence 66045] *Bison bison.*

84-001076 Wagner, Frederic H. STATUS OF WILD HORSE AND BURRO MANAGEMENT ON PUBLIC RANGELANDS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:116-133. 1983. WR 192
[Coll. Nat. Resour., Utah State Univ., Logan] *Equus asinus* and *E. caballus* in the United States.

84-001077 Wang Kuan-Ping and Chen Pao-Chung. NOTES ON THE FORMOSAN SEROW *CAPRICORNIS CRISPUS SWINHOEI* AT TAIPEI ZOO. *Int. Zoo Yearb.* 21:201-202. 1981. WR 192
[Taipei Zool. Gardens, 66 Chung-Shan N. Rd., Sec. 3, Taipei, Taiwan]

84-001078 Welsh, George W. and Thomas D. Bunch. PSOROPTIC SCABIES IN DESERT BIGHORN SHEEP (*OVIS CANADENSIS NELSONI*) FROM NORTHWESTERN ARIZONA. *J. Wildl. Dis.* 19(4):342-344. Oct. 1983. WR 192
[Game & Fish Dep., 1420 W. Beale St., Kingman, AZ 86401]

OTHER UNGULATES (CONTINUED)

84-001079 Williams, Elizabeth S. and Charles P. Hibler. SURVEY OF COLORADO AND WYOMING BIGHORN SHEEP AND MOUNTAIN GOATS FOR PARATUBERCULOSIS. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 173-187. 1982. WR 192
[Wild Anim. Dis. Cent., Dep. Pathol., Colo. State Univ., Fort Collins 80523] *Ovis canadensis* and *Oreamnos americanus*.

84-001080 Wishart, William D. and Diane Brochu. AN EVALUATION OF HORN AND SKULL CHARACTERS AS A MEASURE OF POPULATION QUALITY IN ALBERTA BIGHORNS. *In: Proceedings of the Third Biennial Symposium of the Northern Wild Sheep and Goat Council, James A. Bailey and Gene G. Schoonveld, editors.* p. 127-142. 1982. WR 192
[Fish & Wildl. Div., Edmonton, Alberta, Canada] *Ovis canadensis canadensis* in Canada.

PRIMATES

84-001081 Böer, Michael. SEVERAL EXAMINATIONS ON THE REPRODUCTIVE STATUS OF LOWLAND GORILLAS (*GORILLA G. GORILLA*) AT HANNOVER ZOO. *Zoo Biol.* 2(4):267-280. 1983. WR 192
[Zool. Garten Landshauptstadt, Hannover, Adenaurallee 3, D-3000 Hannover 1, West Germany]

84-001082 Bader, H. ELECTROEJACULATION IN CHIMPANZEES AND GORILLAS AND ARTIFICIAL INSEMINATION IN CHIMPANZEES. *Zoo Biol.* 2(4):307-314. 1983. WR 192
[Tierärztliche Hochschule Hannover, Bischofsholer Damm 15, D-3000 Hannover, West Germany]

84-001083 Baskerville, Margaret; Margery Wood and A. Baskerville. AN OUTBREAK OF *BORDETELLA BRONCHISEPTICA* PNEUMONIA IN A COLONY OF COMMON MARMOSETS (*CALLITHRIX JACCHUS*). *Lab. Anim.* 17(4):350-355. Oct. 1983. WR 192
[Chem. Defence Establishment, Cent. Appl. Microbiol. & Res., Porton Down, Salisbury, Wiltshire, England]

84-001084 Beck, Benjamin B. MANAGERIAL STRATEGIES IN THE CAPTIVE PROPAGATION OF ENDANGERED SPECIES. *Zoo Biol.* 2(3):253-257. 1983. WR 192
[Natl. Zool. Park, Washington, DC 20008] *Gorilla gorilla*.

84-001085 Beehler, B. A. and B. N. Tuggle. THE USE OF ALBENDAZOLE FOR THE TREATMENT OF TREMATODIASIS IN TWO TREE SHREWS (*TUPAIA GLIS*). *J. Zoo Anim. Med.* 14(2):61-63. June 1983. WR 192
[Milwaukee County Zoo, 10001 West Bluemound Rd., Milwaukee, WI 53226]

84-001086 Benirschke, K. CHORIOAMNIONITIS AS CAUSE OF ABORTION IN ORANG-UTAN (*PONGO PYGMAEUS ABELI*). *J. Zoo Anim. Med.* 14(2):56-60. June 1983. WR 192
[San Diego Zoo, San Diego, CA 92112]

PRIMATES (CONTINUED)

84-001087 Berkley, Karen J. SPATIAL RELATIONSHIPS BETWEEN THE TERMINATIONS OF SOMATIC SENSORY MOTOR PATHWAYS IN THE ROSTRAL BRAINSTEM OF CATS AND MONKEYS. II. CEREBELLAR PROJECTIONS COMPARED WITH THOSE OF THE ASCENDING SOMATIC SENSORY PATHWAYS IN LATERAL DIENCEPHALON. *J. Comp. Neurol.* 220(2):229-251. 20 Oct. 1983. WR 192
[Dep. Psychol., Fla. State Univ., Tallahassee 32306] *Macaca mulatta.*

84-001088 Branch, Lyn C. SEASONAL AND HABITAT DIFFERENCES IN THE ABUNDANCE OF PRIMATES IN THE AMAZON (TAPAJOS) NATIONAL PARK, BRAZIL. *Primates* 24(3):424-431. July 1983. WR 192
[Dep. For. & Resour. Manage., 145 Mulford Hall, Univ. Calif., Berkeley 94720]

84-001089 Brown, Susan G.; William P. Dunlap and Terry L. Maple. NOTES ON WATER-CONTACT BY A CAPTIVE MALE LOWLAND GORILLA. *Zoo Biol.* 1(3):243-249. 1982. WR 192
[Maple: School Psychol., Ga. Inst. Technol., Atlanta 30332] *Gorilla gorilla.*

84-001090 Busse, Curt D. and Thomas P. Gordon. ATTACKS ON NEONATES BY A MALE MANGABEY (*CERCOCEBUS ATYS*). *Am. J. Primatol.* 5(4):345-356. 1983. WR 192
[Yerkes Field Stn., 2409 Collins Hill Rd., Lawrenceville, GA 30245]

84-001091 Byrne, R. W.; A. M. Conning and J. Young. SOCIAL RELATIONSHIPS IN A CAPTIVE GROUP OF DIANA MONKEYS (*CERCOPITHECUS DIANA*). *Primates* 24(3):360-370. July 1983. WR 192
[Psychol. Lab., Univ. St. Andrews, St. Andrews, Fife KY16 9JU, Scotland]

84-001092 Campbell, Carlos C.; William E. Collins; William Chin; Jackie M. Roberts and J. Roger Broderson. STUDIES OF THE SAL I STRAIN OF *PLASMODIUM VIVAX* IN THE SQUIRREL MONKEY (*SAIMIRI SCIUREUS*). *J. Parasitol.* 69(3):598-601. June 1983. WR 192
[Cent. Dis. Control, Atlanta, GA 30333]

84-001093 Carroll, J. B. BREEDING THE GOLDEN LION TAMARIN *LEONTOPITHECUS ROSALIA ROSALIA* AT THE JERSEY WILDLIFE PRESERVATION TRUST. *Dodo (J. Jersey Wildl. Preserv. Trust)* No. 19. p. 42-46. 1982. WR 192
[Jersey Wildl. Preserv. Trust, Les Augrès Manor, Trinity, Jersey, Channel Islands, United Kingdom]

84-001094 Chalmers, D. T.; L. B. Murgatroyd and P. F. Wadsworth. A SURVEY OF THE PATHOLOGY OF MARMOSETS (*CALLITHRIX JACCHUS*) DERIVED FROM A MARMOSET BREEDING UNIT. *Lab. Anim.* 17(4):270-279. Oct. 1983. WR 192
[Imperial Chem. Industries PLC, Cent. Toxicol. Lab., Alderley Park, Macclesfield, Cheshire, England]

84-001095 Chamove, Arnold S. and James R. Anderson. HAND-REARING INFANT STUMPTAILED MACAQUES. *Zoo Biol.* 1(4):323-331. 1982. WR 192
[Dep. Psychol., Primate Unit, Univ. Stirling, FK9 4LA, Scotland] *Macaca arctoides.*

PRIMATES (CONTINUED)

84-001096 Chapman, Colin A. SPECIATION OF TROPICAL RAINFOREST PRIMATES OF AFRICA: INSULAR BIOGEOGRAPHY. *Afr. J. Ecol.* 21(4):297-308. Dec. 1983. In English with French summ. WR 192
[Dep. Anthropol., Univ. Alberta, Edmonton, Alberta, Canada]

84-001097 Cheney, Dorothy L. and Robert M. Seyfarth. NONRANDOM DISPERSAL IN FREE-RANGING VERVET MONKEYS: SOCIAL AND GENETIC CONSEQUENCES. *Am. Nat.* 122(3):392-412. Sept. 1983. WR 192
[Dep. Anthropol., Univ. Calif., Los Angeles 90024] *Cercopithecus aethiops.*

84-001098 Chin, William; Carlos C. Campbell; William E. Collins and Jackie M. Roberts. *PLASMODIUM INUI* AND *BABESIA MICROTI* INFECTIONS IN THE SQUIRREL MONKEY, *SAIMIRI SCIUREUS.* *Am. J. Trop. Med. Hyg.* 32(4):691-693. 1983. WR 192
[Div. Parasitic Dis., U.S. Dep. Health & Human Serv., Atlanta, GA 30333]

84-001099 Clarke, Margaret R. INFANT-KILLING AND INFANT DISAPPEARANCE FOLLOWING MALE TAKEOVERS IN A GROUP OF FREE-RANGING HOWLING MONKEYS (*ALOUATTA PALLIATA*) IN COSTA RICA. *Am. J. Primatol.* 5(3):241-247. 1983. WR 192
[Dep. Environ. Studies, Rollins Coll., Winter Park, FL 32789]

84-001100 Clevenger, Marcia A. HAND-REARING A SILVER-BACKED SAKI *PITHECIA MONACHUS* AT OKLAHOMA CITY ZOO. *Int. Zoo Yearb.* 21:221-223. 1981. WR 192
[Okla. City Zoo, Oklahoma City, OK 73111]

84-001101 Collier, Claudia; Sharron Kaida and Jean Brody. FOSTERING TECHNIQUES WITH COTTON-TOP TAMARINS *SAGUINUS OEDIPUS OEDIPUS* AT LOS ANGELES ZOO. *Int. Zoo Yearb.* 21:224-225. 1981. WR 192
[Los Angeles Zoo, 5333 Zoo Dr., Los Angeles, CA 90027]

84-001102 Collins, William E.; McWilson Warren; Jimmie C. Skinner; Alan Y. Huong and Phuc Nguyen-Dinh. OBSERVATIONS ON THE INFECTIVITY OF TWO STRAINS OF *PLASMODIUM VIVAX* FROM VIETNAMESE REFUGEES TO *AOTUS* MONKEYS AND ANOPHELINE MOSQUITOES. *J. Parasitol.* 69(4):689-695. Aug. 1983. WR 192
[Cent. Dis. Control, U.S. Dep. Health & Human Serv., Atlanta, GA 30333] *A. trivirgatus griseimembra.*

84-001103 Couturier, J.; B. Dutrillaux; Catherine Turleau and J. de Grouchy. COMPARAISONS CHROMOSOMIQUES CHEZ QUATRE ESPÈCES OU SOUS-ESPÈCES DE GIBBONS. [COMPARATIVE KARYOTYPING OF FOUR GIBBON SPECIES OR SUBSPECIES.] *Ann. Génét.* 25(1):5-10. 1982. In French with English summ. WR 192
*Hylobates* spp.

84-001104 Créau-Goldberg, Nicole; Catherine Turleau; Chantal Cochet and J. de Grouchy. COMPARATIVE GENE MAPPING OF THE BABOON (*PAPIO PAPIO*) AND MAN. *Ann. Génét.* 25(1):14-18. 1982. In English with French summ. WR 192

PRIMATES (CONTINUED)

84-001105 Demment, Montague W. FEEDING ECOLOGY AND THE EVOLUTION OF BODY SIZE OF BABOONS. *Afr. J. Ecol.* 21(4):219-233. Dec. 1983. In English with French summ. WR 192
[Dep. Agron. & Range Sci., Univ. Calif., Davis 95616] *Papio* spp.

84-001106 Deputte, Bertrand L. and Maryvonne Leclerc-Cassan. SEX DETERMINATION AND AGE ESTIMATION IN THE WHITE-CHEEKED GIBBON *HYLOBATES CONCOLOR LEUCOGENYS* ANATOMICAL AND BEHAVIOURAL FEATURES. *Int. Zoo Yearb.* 21:187-193. 1981. WR 192
[CNRS, ERA 489, Stn. Biol. Paimpont, F-35380 Plelan le Grand, France]

84-001107 Ding Zhengliang; Lin Jiqiang and Hu Shuzhen. [BIOCHEMICAL, HEMATOLOGICAL AND IMMUNOLOGICAL REFERENCE VALUES IN THE LABORATORY-USE RHESUS MONKEY (*MACACA MULATTA*).] *Zool Res.* 4(3):267-278. Aug. 1983. In Chinese with English summ. WR 192
[Lu Wan District Hospital, Shanghai, China]

84-001108 Dittrich, Lothar, chairman. INTERNATIONAL SYMPOSIUM ON GREAT APES: INFERTILITY AND INSUFFICIENT BREEDING IN GREAT APES DUE TO INADEQUATE KEEPING SYSTEMS: PROPHYLAXIS BY ENVIRONMENTAL ALTERATIONS AND THERAPY. *Zoo Biol.* 2(4):315-333. 1983. WR 192

84-001109 Douglass, E. Michael. FIRST GORILLA BORN USING ARTIFICIAL INSEMINATION. *Int. Zoo News* 28(1):9-15. Jan.-Feb. 1981. WR 192
[Memphis Zoo & Aquarium, Overton Park, Memphis, TN 38112] *Gorilla gorilla.*

84-001110 Dunbar, R. I. M. STRUCTURE OF GELADA BABOON REPRODUCTIVE UNITS. II. SOCIAL RELATIONSHIPS BETWEEN REPRODUCTIVE FEMALES. *Anim. Behav.* 31(2):556-564. May 1983. WR 192
[Sub-Dep. Anim. Behav., Univ. Cambridge, Madingley, Cambridge, CB3 8AA, England] *Theropithecus gelada* in Ethiopia.

84-001111 Dunbar, R. I. M. STRUCTURE OF GELADA BABOON REPRODUCTIVE UNITS. III. THE MALE'S RELATIONSHIP WITH HIS FEMALES. *Anim. Behav.* 31(2):565-575. May 1983. WR 192
[Sub-Dep. Anim. Behav., Univ. Cambridge, Madingley, Cambridge, CB3 8AA, England] *Theropithecus gelada* in Ethiopia.

84-001112 Dutrillaux, B.; J. Couturier; Martine Muleris, Martine Lombard and G. Chauvier. CHROMOSOMAL PHYLOGENY OF FORTY-TWO SPECIES OR SUBSPECIES OF CERCOPITHECOIDS (PRIMATES CATARRHINI). *Ann. Génét.* 25(2):96-109. 1982. In English with French summ. WR 192
[Inst. Progenèse, rue l'Ecole Méd., 75270 Paris, Cedex 06, France]

84-001113 Eglash, Anne R. and Charles T. Snowdon. MIRROR-IMAGE RESPONSES IN PYGMY MARMOSETS (*CEBUELLA PYGMAEA*). *Am. J. Primatol.* 5(3):211-219. 1983. WR 192
[Dep. Psychol., Univ. Wis., Madison 53706]

PRIMATES (CONTINUED)

84-001114 Essick, Gregory Kent. TACTILE DIRECTION DISCRIMINATION IN PRIMATES. *Ph.D. dissertation, Univ. N.C. (Chapel Hill)* 264p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):1017-1018. Oct. 1983. WR 192
*Macaca mulatta.*

84-001115 Evans, S. THE PAIR-BOND OF THE COMMON MARMOSET, *CALLITHRIX JACCHUS JACCHUS*: AN EXPERIMENTAL INVESTIGATION. *Anim. Behav.* 31(3):651-658. Aug. 1983. WR 192
[Dep. Psychol., Univ. Stirling, Stirling, Scotland FK9 4LA]

84-001116 Fooden, Jack and Robert J. Izor. GROWTH CURVES, DENTAL EMERGENCE NORMS, AND SUPPLEMENTARY MORPHOLOGICAL OBSERVATIONS IN KNOWN-AGE CAPTIVE ORANGUTANS. *Am. J. Primatol.* 5(4):285-301. 1983. WR 192
[Div. Mammals, Field Mus. Nat. Hist., Roosevelt Rd. & Lake Shore Dr., Chicago, IL 60605-2496] *Pongo pygmaeus.*

84-001117 Fuccillo, R.; S. Scucchi; A. Troisi and F. R. D'Amato. NEWBORN ADOPTION IN A CONFINED GROUP OF JAPANESE MACAQUES. *Am. J. Primatol.* 5(3):257-260. 1983. WR 192
[Cattedra di Ecol. & Etol. Anim., Ist. Genet. Fac. Sci., Città Universitaria, 00185 Rome, Italy]

84-001118 Fukuda, Fumio. [TROOP DESERTION BY FEMALE JAPANESE MACAQUES.] *Jpn. J. Ecol.* 33(3):347-355. Sept. 1983. In Japanese with English summ. WR 192
[698-Engyo, Fujisawa, Kanagawa, 252 Japan] *Macaca fuscata* in Japan.

84-001119 Galdikas, Biruté M. F. THE ORANGUTAN LONG CALL AND SNAG CRASHING AT TANJUNG PUTING RESERVE. *Primates* 24(3):371-384. July 1983. WR 192
[Orangutan Res. & Conserv. Project, Pangkalan Bun, Kalimantan Tengah, Indonesia]

84-001120 Glander, Kenneth E. and Dori P. Rabin. FOOD CHOICE FROM ENDEMIC NORTH CAROLINA TREE SPECIES BY CAPTIVE PROSIMIANS (*LEMUR FULVUS*). *Am. J. Primatol.* 5(3):221-229. 1983. WR 192
[Dep. Anthropol., Duke Univ., Durham, NC 27706]

84-001121 Glatston, Angela R. THE HUSBANDRY, BREEDING AND HAND-REARING OF THE LESSER MOUSE LEMUR *MICROCEBUS MURINUS* AT ROTTERDAM ZOO. *Int. Zoo Yearb.* 21:131-137. 1981. WR 192
[Royal Rotterdam Zool. & Bot. Gardens, 3039 KE Rotterdam, Netherlands]

84-001122 Goosen, C.; A. Schrama; H. Brinkhof; J. Schonk and L. A. van Hoek. HOUSING CONDITIONS AND BREEDING SUCCESS OF CHIMPANZEES AT THE PRIMATE CENTER TNO. *Zoo Biol.* 2(4):295-302. 1983. WR 192
[Primate Cent. TNO, P.O. Box 5815, 2280 HV Rijswijk, Netherlands] *Pan troglodytes.*

PRIMATES (CONTINUED)

84-001123 Goss, A. N.; J. White and G. C. Townsend. CRANIOFACIAL GROWTH IN YOUNG MARMOSETS (*CALLITHRIX JACCHUS*). *Lab. Anim.* 17(4):303-306. Oct. 1983. WR 192
[Dep. Oral Pathol. & Oral Surgery, Univ. Adelaide, Adelaide, South Australia 5001, Australia]

84-001124 Gould, K. G. DIAGNOSIS AND TREATMENT OF INFERTILITY IN MALE GREAT APES. *Zoo Biol.* 2(4):281-293. 1983. WR 192
[Yerkes Regional Primate Res. Cent., Emory Univ., Atlanta, GA 30322]

84-001125 Haccou, Patsy; Herman Dienske and Evert Meelis. ANALYSIS OF TIME-INHOMOGENEITY IN MARKOV CHAINS APPLIED TO MOTHER-INFANT INTERACTIONS OF RHESUS MONKEYS. *Anim. Behav.* 31(3):927-945. Aug. 1983. WR 192
[Inst. Theoretical Biol., Univ. Leiden, Groenhovenstr. 5, 2311 BT Leiden, Netherlands] *Macaca mulatta.*

84-001126 Hadidian, John. YAWNING IN AN OLD WORLD MONKEY, *MACACA NIGRA* (PRIMATES: CERCOPITHECIDAE). *Behaviour* 75(3-4):133-147. 1980. In English with French summ. WR 192
[Dep. Anthropol., Pa. State Univ., University Park]

84-001127 Haimoff, Elliott H. OCCURRENCE OF ANTI-RESONANCE IN THE SONG OF THE SIAMANG (*HYLOBATES SYNDACTYLUS*). *Am. J. Primatol.* 5(3):249-256. 1983. WR 192
[Anthropol. Dep., Univ. Calif., Los Angeles 90024]

84-001128 Harlow, C. R.; Sara Gems; J. K. Hodges and J. P. Hearn. THE RELATIONSHIP BETWEEN PLASMA PROGESTERONE AND THE TIMING OF OVULATION AND EARLY EMBRYONIC DEVELOPMENT IN THE MARMOSET MONKEY (*CALLITHRIX JACCHUS*). *J. Zool. (Lond.)* 201(2):273-282. Oct. 1983. WR 192
[Dep. Reprod., Inst. Zool., Zool. Soc. London, Regent's Park, London NW1 4RY, England]

84-001129 Hasegawa, Hideo; Takayoshi Kano and Mbangi Mulavwa. A PARASITOLOGICAL SURVEY ON THE FECES OF PYGMY CHIMPANZEES, *PAN PANISCUS*, AT WAMBA, ZAÏRE. *Primates* 24(3):419-423. July 1983. WR 192
[Fac. Med., Univ. Ryukyus, 207, Miyazato, Nishihara, Okinawa, 903-01 Japan]

84-001130 Hawkey, C. M.; M. G. Hart; J. A. Knight; A. K. Fitzgerald and D. M. Jones. COTTON-TOP TAMARINS (*SAGUINUS OEDIPUS OEDIPUS*): HEMATOLOGIC REFERENCE VALUES AND HEMOPATHOLOGIC RESPONSES. *Am. J. Primatol.* 5(3):231-239. 1983. WR 192
[Dep. Vet. Sci., Inst. Zool., Zool. Soc. London, London NW1 4RY, England]

84-001131 Hemmer, Helmut. BEOBACHTUNGEN ZUR SOZIOBIOLOGIE MADAGASSISCHER LEMUREN. [OBSERVATIONS ON THE SOCIOBIOLOGY OF LEMURS IN MADAGASCAR.] *Z. Kölner Zoo* 22(2):43-51. 1979. In German with English summ. WR 192
[Inst. Zool., Johannes-Gutenberg-Universität, D-6500 Mainz, West Germany]

PRIMATES (CONTINUED)

84-001132 Herndon, James G. SEASONAL BREEDING IN RHESUS MONKEYS: INFLUENCE OF THE BEHAVIORAL ENVIRONMENT. *Am. J. Primatol.* 5(3):197-204. 1983. WR 192
[Div. Neurobiol., Yerkes Regional Primate Res. Cent., Emory Univ., Atlanta, GA 30322] *Macaca mulatta.*

84-001133 Herzog, Michael and Sigrid Hopf. EFFECTS OF SPECIES-SPECIFIC VOCALIZATIONS ON THE BEHAVIOUR OF SURROGATE-REARED SQUIRREL MONKEYS. *Behaviour* 86(3-4):197-214. 1983. In English with German summ. WR 192
[Max-Planck-Inst. Psychiatrie, Münich, West Germany] *Saimiri sciureus.*

84-001134 Horrocks, J. A. and W. Hunte. RANK RELATIONS IN VERVET SISTERS: A CRITIQUE OF THE ROLE OF REPRODUCTIVE VALUE. *Am. Nat.* 122(3):417-421. Sept. 1983. WR 192
[Dep. Biol., Univ. West Indies, Cave Hill, Barbados, West Indies] *Cercopithecus aethiops.*

84-001135 Horrocks, Julia and Wayne Hunte. MATERNAL RANK AND OFFSPRING RANK IN VERVET MONKEYS: AN APPRAISAL OF THE MECHANISMS OF RANK ACQUISITION. *Anim. Behav.* 31(3):772-782. Aug. 1983. WR 192
[Dep. Biol., Univ. West Indies, Cave Hill, Barbados, West Indies] *Cercopithecus aethiops sabaeus.*

84-001136 Hutz, R. J.; G. B. Holzman and W. R. Dukelow. SYNTHESIS OF RIBONUCLEIC ACID IN OOCYTES COLLECTED FROM SQUIRREL MONKEYS AND HUMANS FOLLOWING CHORIONIC GONADOTROPIN ADMINISTRATION. *Am. J. Primatol.* 5(3):267-270. 1983. WR 192
[Endocrine Res. Unit, Mich. State Univ., East Lansing 48824] *Saimiri sciureus.*

84-001137 Jablonski, N. G. EVOLUTION OF A NOVEL MASTICATORY APPARATUS IN A LINEAGE OF CERCOPITHECOID PRIMATES. *Am. Zool.* 23(4):1009. 1983. Abstract only. WR 192
[Univ. Hong Kong, Hong Kong] *Theropithecus* sp.

84-001138 Janson, C. H. SOCIAL DIVERGENCE DESPITE ECOLOGICAL SIMILARITY IN TWO NEOTROPICAL MONKEY SPECIES. *Am. Zool.* 23(4):933. 1983. Abstract only. WR 192
[Univ. Wash., Seattle] *Cebus albifrons* and *C. apella* in Peru.

84-001139 Keiter, Mary D. HAND-REARING AND DEVELOPMENT OF A LOWLAND GORILLA *GORILLA G. GORILLA* AT WOODLAND PARK ZOO, SEATTLE. *Int. Zoo Yearb.* 21:229-235. 1981. WR 192
[Woodland Park Zool. Gardens, Seattle, WA 98103]

84-001140 Kingston, W. R. and J. A. P. C. Muniz. PRELIMINARY REPORT ON THE ESTABLISHMENT IN BRAZIL OF A BREEDING COLONY OF MARMOSETS (*CALLITHRIX HUMERALIFER HUMERALIFER*). *Lab. Primate Newsl.* 22(4):1-2. Oct. 1983.

PRIMATES (CONTINUED)

84-001140 CONTINUED WR 192
[Cent. Nac. Primatas, Caixa Postal 1641, Belem 66.000, Para, Brazil]

84-001141 Kinzey, Warren G. and Marlise Becker. ACTIVITY PATTERN OF THE MASKED TITI MONKEY, *CALLICEBUS PERSONATUS*. *Primates* 24(3):337-343. July 1983. WR 192
[Dep. Anthropol., City Coll., Convent Ave. & 138th St., New York, NY 10031]

84-001142 Klein, Henry David. PATERNAL CARE AND KIN SELECTION IN YELLOW BABOONS, *PAPIO CYNOCEPHALUS*. *Ph.D. dissertation, Univ. Wash.* 118p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):1027. Oct. 1983. WR 192

84-001143 Kolka, Margaret A. and Reynaldo S. Elizondo. THERMOREGULATION IN *ERYTHROCEBUS PATAS*: A THERMAL BALANCE STUDY. *J. Appl. Physiol. Respir. Environ. Exercise Physiol.* 55(5):1603-1608. Nov. 1983. WR 192
[Physiol. Sect., Med. Sci. Program, Indiana Univ. School Med., Bloomington 47405]

84-001144 Lippold, Lois K. MONITORING FEMALE REPRODUCTIVE STATUS IN THE DOUC LANGUR *PYGATHRIX NEMAEUS* AT SAN DIEGO ZOO. *Int. Zoo Yearb.* 21:184-187. 1981. WR 192
[Dep. Anthropol., San Diego State Univ., San Diego, CA 92115]

84-001145 Lucotte, G.; C. Gautreau and D. G. Smith. DISTANCES ÉLECTROPHORÉTIQUES ENTRE LES TROIS SOUS-GENRES DE GIBBONS. [ELECTROPHORETIC DISTANCES BETWEEN THE THREE GIBBON SUB-GENERA.] *Ann. Génét.* 25(1):11-13. 1982. In French with English summ. WR 192
[Lab. Genet. Mol., CNTS, 6 rue Alexandre Cabanel, 75015 Paris, France] *Symphalangus*, *Nomascus* and *Hylobates*.

84-001146 Mager, Wim. STIMULATING MATERNAL BEHAVIOUR IN THE LOWLAND GORILLA *GORILLA G. GORILLA* AT APELDOORN. *Int. Zoo Yearb.* 21:138-143. 1981. WR 192
[Apenheul Sanctuary Gorillas & S. Am. Monkeys, 7313 HK Apeldoorn, Netherlands]

84-001147 Matern, Bernd. PROBLEMS AND EXPERIENCES IN PERFORMING ARTIFICIAL INSEMINATION IN BONOBOS (*PAN PANISCUS*). *Zoo Biol.* 2(4):303-306. 1983. WR 192
[Zool. Garten, D-6000 Frankfurt/Main, West Germany]

84-001148 Mates, Sharon L. and Jennifer S. Lund. DEVELOPMENTAL CHANGES IN THE RELATIONSHIP BETWEEN TYPE 2 SYNAPSES AND SPINY NEURONS IN THE MONKEY VISUAL CORTEX. *J. Comp. Neurol.* 221(1):98-105. 20 Nov. 1983. WR 192
[Neurosurgery Res. Lab., Mass. General Hospital, Boston 02114] *Macaca nemestrina*.

PRIMATES (CONTINUED)

84-001149 Mates, Sharon L. and Jennifer S. Lund. SPINE FORMATION AND MATURATION OF TYPE 1 SYNAPSES ON SPINY STELLATE NEURONS IN PRIMATE VISUAL CORTEX. *J. Comp. Neurol.* 221(1):91-97. 20 Nov. 1983. WR 192
[Neurosurgery Res. Lab., Mass. General Hospital, Boston 02114] *Macaca nemestrina.*

84-001150 Mates, Sharon L. and Jennifer S. Lund. NEURONAL COMPOSITION AND DEVELOPMENT IN LAMINA 4C OF MONKEY STRIATE CORTEX. *J. Comp. Neurol.* 221(1):60-90. 20 Nov. 1983. WR 192
[Neurosurgery Res. Lab., Mass. General Hospital, Boston 02114] *Macaca nemestrina.*

84-001151 Meis, Paul J.; James C. Rose and Mark A. Sperling. CIRCADIAN VARIATION IN INSULIN RESPONSE IN AFRICAN GREEN MONKEYS (*CERCOPITHECUS AETHIOPS*). *Am. J. Primatol.* 5(3):261-266. 1983. WR 192
[Dep. Obstetrics & Gynecol., Bowman Gray School Med., Winston-Salem, NC 27103]

84-001152 Menzel, Charles R. and E. W. Menzel, Jr. HEAD-COCKING AND VISUAL EXPLORATION IN MARMOSETS (*SAGUINUS FUSCICOLLIS*). *Behaviour* 75(3-4):219-234. 1980. In English with German summ. WR 192
[Dep. Anthropol., Univ. Calif., Davis 95616]

84-001153 Moore, Jim. FOLIVORY AND FEMALE TRANSFER IN PRIMATES. *Am. Zool.* 23(4):933. 1983. Abstract only. WR 192
[Harvard Univ., Cambridge, MA]

84-001154 Mouri, T. [PTERION OF HOWLER MONKEY.] *Monkey* 26(6):16-19. 1982. In Japanese. WR 192

84-001155 Musey, P. I.; D. C. Collins; K. G. Gould and J. R. K. Preedy. DIFFERENTIAL OXIDATIONS OF ESTRADIOL-17β BY THE CHIMPANZEE IN VIVO. *Am. J. Primatol.* 5(3):271-275. 1983. WR 192
[VA Med. Cent., 1670 Clairmont Rd., Decatur, GA 30033] *Pan troglogytes.*

84-001156 Nakamichi, Masayuki; Hisanori Fujii and Takamasa Koyama. DEVELOPMENT OF A CONGENITALLY MALFORMED JAPANESE MONKEY IN A FREE-RANGING GROUP DURING THE FIRST FOUR YEARS OF LIFE. *Am. J. Primatol.* 5(3):205-210. 1983. WR 192
[Fac. Human Sci., Osaka Univ., Osaka 565, Japan] *Macaca fuscata.*

84-001157 Nash, Leanne T. REPRODUCTIVE PATTERNS IN GALAGOS (*GALAGO ZANZIBARICUS* AND *GALAGO GARNETTII*) IN RELATION TO CLIMATIC VARIABILITY. *Am. J. Primatol.* 5(3):181-196. 1983. WR 192
[Dep. Anthropol., Ariz. State Univ., Tempe 85287]

84-001158 Nash, Victoria J. TOOL USE BY CAPTIVE CHIMPANZEES AT AN ARTIFICIAL TERMITE MOUND. *Zoo Biol.* 1(3):211-221. 1982. WR 192
[Dep. Psychol., Univ. Stirling, Stirling, Scotland FK9 4LA] *Pan troglogytes.*

PRIMATES (CONTINUED)

84-001159 Natori, M. [ON THE MORPHOLOGY OF THE UPPER MOLARS IN *CEBUS*.] *Monkey* 26(6):20-23. 1982. In Japanese. WR 192

84-001160 Nishida, T. ALPHA STATUS AND AGONISTIC ALLIANCE IN WILD CHIMPANZEES (*PAN TROGLODYTES SCHWEINFURTHII*). *Primates* 24(3):318-336. July 1983. WR 192
[Dep. Anthropol., Fac. Sci., Univ. Tokyo, Bunkyo-ku, Tokyo, 113 Japan]

84-001161 Nogami, Y. [ENAMEL STRUCTURE IN THE SUPERFAMILY CEBOIDEA.] *Monkey* 26(6):11-15. 1982. In Japanese. WR 192

84-001162 O'Donoghue, E. R. A RESURGENCE IN REPRODUCTIVE BEHAVIOR IN A PREVIOUSLY INACTIVE MALE ORANGUTAN (*PONGO PYGMAEUS ABELII*). *Zoo Biol.* 1(2):157-159. 1982. WR 192
[Audubon Park & Zool. Garden, P.O. Box 4327, New Orleans, LA 70178]

84-001163 O'Grady, John Patrick; Gerald N. Esra; Caroline H. Yeager and Warren D. Thomas. EVALUATION OF SECONDARY INFERTILITY IN THE GORILLA. *Zoo Biol.* 1(2):135-140. 1982. WR 192
[UHN-4 S.E., Oreg. Health Sci. Univ., 3181 SW Sam Jackson Park Rd., Portland 97201] *Gorilla g. gorilla.*

84-001164 Prouty, Leonard Augustus. A STUDY IN GIBBON KARYOLOGY AND CLASSIFICATION. *Ph.D. dissertation, Univ. N.C. (Chapel Hill)* 141p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):1006. Oct. 1983. WR 192
*Hylobates* spp.

84-001165 Pusey, Anne E. MOTHER-OFFSPRING RELATIONSHIPS IN CHIMPANZEES AFTER WEANING. *Anim. Behav.* 31(2):363-377. May 1983. WR 192
[Univ. Chicago, Allee Lab. Anim. Behav., 940 E. 57th St., Chicago, IL 60637] *Pan troglodytes.*

84-001166 Rüedi, D. HAND-REARING AND REINTEGRATION OF A CAESARIAN-BORN PROBOSCIS MONKEY *NASALIS LARVATUS* AT BASLE ZOO. *Int. Zoo Yearb.* 21:225-229. 1981. WR 192
[Basle Zool. Gardens, CH 4054 Basel, Switzerland]

84-001167 Rasmussen, Dennis R. CORRELATES OF PATTERNS OF RANGE USE OF A TROOP OF YELLOW BABOONS (*PAPIO CYNOCEPHALUS*). II. SPATIAL STRUCTURE, COVER DENSITY, FOOD GATHERING, AND INDIVIDUAL BEHAVIOUR PATTERNS. *Anim. Behav.* 31(3):834-856. Aug. 1983. WR 192
[Calif. Primate Res. Cent., Univ. Calif., Davis 95616]

84-001168 Roberts, Rachel. THE BIRTH AND DEVELOPMENT OF A LAR OR WHITE HANDED GIBBON. *Anim. Keepers' Forum* 10(12):392-397. Dec. 1983. WR 192
[Metrozoo, Miami, FL] *Hylobates lar.*

PRIMATES (CONTINUED)

84-001169 Rosolen, S. G. and C. L. Milhaud. ELECTROCARDIOGRAMME NORMAL DU MACAQUE RHESUS (*MACACA MULATTA*) ÉTUDE BIBLIOGRAPHIQUE ET EXPÉRIMENTALE. [NORMAL ELECTROCARDIOGRAM OF *MACACA MULATTA* -BIBLIOGRAPHICAL AND EXPERIMENTAL STUDY.] *Recl. Méd. Vét.* 159(7):653-663. 1983. In French with Spanish and English summ. WR 192
[3 rue de la Comète, 92600 Asnières, France]

84-001170 Ruhiyat, Yayat. SOCIO-ECOLOGICAL STUDY OF *PRESBYTIS AYGULA* IN WEST JAVA. *Primates* 24(3):344-359. July 1983. WR 192
[Inst. Ecol., Padjadaran Univ., Jl. Sekeloa, Bandung, Indonesia]

84-001171 Samuels, Amy and Roy V. Henrickson. OUTBREAK OF SEVERE AGGRESSION IN CAPTIVE *MACACA MULATTA*. *Am. J. Primatol.* 5(3):277-281. 1983. WR 192
[Henrickson: Calif. Primate Res. Cent., Univ. Calif., Davis 95616]

84-001172 Schaaf, C. Dietrich. WESTERN LOWLAND GORILLA REPRODUCTION AT THE PHILADELPHIA ZOO. *Phila. Zoo Rev.* 1(1):[1-4]. 1982. WR 192
*Gorilla gorilla gorilla.*

84-001173 Setoguchi, T. [DISCOVERY OF MONKEY'S GRAVEYARD FROM COLOMBIA, SOUTH AMERICA.] *Monkey* 26(6):6-10. 1982. In Japanese. WR 192

84-001174 Seuánez, Héctor N. CHROMOSOME STUDIES IN THE ORANGUTAN (*PONGO PYGMAEUS*): PRACTICAL APPLICATIONS FOR BREEDING AND CONSERVATION. *Zoo Biol.* 1(3):179-199. 1982. WR 192
[Dep. Genet., Univ. Federal Rio de Janeiro, Cidade Universitaria, 21-941 Rio de Janeiro, Brazil]

84-001175 Shideler, Susan E. and Donald G. Lindburg. SELECTED ASPECTS OF *LEMUR VARIEGATUS* REPRODUCTIVE BIOLOGY. *Zoo Biol.* 1(2):127-134. 1982. WR 192
[San Diego Zoo Res. Dep., P.O. Box 551, San Diego, CA 92112]

84-001176 Shoemaker, Alan H. FECUNDITY IN THE CAPTIVE HOWLER MONKEY, *ALOUATTA CARAYA*. *Zoo Biol.* 1(2):149-156. 1982. WR 192
[Riverbanks Zool. Park, Columbia, SC 29210]

84-001177 Silk, Joan B.; Amy Samuels and Peter S. Rodman. THE INFLUENCE OF KINSHIP, RANK, AND SEX ON AFFILIATION AND AGGRESSION BETWEEN ADULT FEMALE AND IMMATURE BONNET MACAQUES (*MACACA RADIATA*). *Behaviour* 78(1-2):111-137. 1981. In English with German summ. WR 192
[Allee Lab., Univ. Chicago, 5712 S. Ingleside Ave., Chicago, IL 60637]

84-001178 Sinnott, Joan M. and Michael R. Petersen. ASYMMETRICAL FREQUENCY DISCRIMINATION IN PRIMATES. *J. Acoust. Soc. Am.* 74(suppl. 1):S70. 1983. Abstract only. WR 192
[Psychol. Dep., Indiana Univ., Bloomington 47405] *Macaca fuscata, M. mulatta, Cercopithecus aethiops,* and *C. neglectus.*

PRIMATES (CONTINUED)

84-001179 Song Baoyun; Ben Kunlong; Dai Wei and Zhou Rujin. [STUDIES ON LYMPHOCYTE SUBPOPULATIONS IN PRIMATES. II. NONSPECIFIC ESTERASE ACTIVITY OF PERIPHERAL BLOOD LYMPHOCYTES OF MACAQUES.] *Zool. Res.* 4(3):261-266. Aug. 1983. In Chinese with English summ. WR 192
[Kunming Inst. Zool., Acad. Sinica, Kunming, China] *Macaca mulatta.*

84-001180 Taffs, L. F. and Glynis Dunn. AN OUTBREAK OF *YERSINIA PSEUDOTUBERCULOSIS* INFECTION IN A SMALL INDOOR BREEDING COLONY OF RED-BELLIED (*SAGUINUS LABIATUS*) TAMARINS. *Lab. Anim.* 17(4):311-320. Oct. 1983. WR 192
[Natl. Inst. Biol. Standards & Control, Holly Hill, Hampstead, London NW3 6RB, England]

84-001181 Temerin, L. Alis and John G. H. Cant. THE EVOLUTIONARY DIVERGENCE OF OLD WORLD MONKEYS AND APES. *Am. Nat.* 122(3):335-351. Sept. 1983. WR 192
[Dep. Anthropol., Univ. Calif., Davis 95616]

84-001182 Van Schaik, C. P. WHY ARE DIURNAL PRIMATES LIVING IN GROUPS? *Behaviour* 87(1-2):120-144. 1983. In English with German summ. WR 192
[Lab. Comp. Physiol., Univ. Utrecht, Utrecht, Netherlands]

84-001183 Van Schaik, Carel P.; Maria A. Van Noordwijk; Rob J. de Boer and Isolde den Tonkelaar. THE EFFECT OF GROUP SIZE ON TIME BUDGETS AND SOCIAL BEHAVIOUR IN WILD LONG-TAILED MACAQUES (*MACACA FASCICULARIS*). *Behav. Ecol. Sociobiol.* 13(3):173-181. Sept. 1983. WR 192
[Lab. Vergelijkende Fysiol., Rijksuniv. Utrecht, Jan van Galenstraat 40, NL-3572 LA Utrecht, Netherlands]

84-001184 Vellayan, S. and M. K. Vidyadaran. SOME ASPECTS OF THE NUTRITION OF WEST MALAYSIAN PRIMATES IN THE WILD. *Malay. Vet. J.* 7(3):164-173. Dec. 1982. WR 192
[Zoo Negara, Ulu Kelang, Selangor, Malaysia] Data for 13 spp.

84-001185 Wada, Kazuo. LONG-TERM CHANGES IN THE WINTER HOME RANGES OF JAPANESE MONKEYS IN THE SHIGA HEIGHTS. *Primates* 24(3):303-317. July 1983. WR 192
[Primate Res. Inst., Kyoto Univ., Inuyama, Aichi 484, Japan] *Macaca fuscata.*

84-001186 Welker, Christian. ZUM VERHALTEN DES SPRINGAFFEN, *CALLICEBUS MOLOCH* HOFFMANNSEGG, 1807, IN GEFANGENSCHAFT. [ON THE BEHAVIOR OF *CALLICEBUS MOLOCH* IN CAPTIVITY.] *Säugetierkd. Mitt.* 29(4):41-51. 1981. In German with English summ. WR 192
[Univ. Kassel, Heinrich-Plett-Str. 40, D-3500 Kassel, West Germany]

84-001187 Welker, Christian. ON THE INFLUENCE OF THE ENVIRONMENT ON THE LOCOMOTION OF SOME PLATYRRHINE MONKEYS. *Säugetierkd. Mitt.* 29(4):52-55. 1981. In English. WR 192
[Univ. Kassel, Heinrich-Plett-Str. 40, D-3500 Kassel, West Germany]

PRIMATES (CONTINUED)

84-001188 Weller, R. E. and J. H. Kaas. RETINOTOPIC PATTERNS OF CONNECTIONS OF AREA 17 WITH VISUAL AREAS V-II AND MT IN MACAQUE MONKEYS. *J. Comp. Neurol.* 220(3):253-279. 1 Nov. 1983. WR 192
[Dep. Neurobiol., State Univ. N.Y., Stony Brook, Long Island 11794] *Macaca fascicularis.*

84-001189 Wilson, Susan F. ENVIRONMENTAL INFLUENCES ON THE ACTIVITY OF CAPTIVE APES. *Zoo Biol.* 1(3):201-209. 1982. WR 192
[Dep. Psychol., John Dewey Hall, Univ. Vt., Burlington 05405] *Gorilla gorilla.*

84-001190 Wrangham, Richard W. AN ECOLOGICAL MODEL OF FEMALE-BONDED PRIMATE GROUPS. *Behaviour* 75(3-4):262-300. 1980. In English with French summ. WR 192
[King's Coll. Res. Cent., King's Coll., Cambridge, England]

84-001191 Zhou Rujin; Dai Wei; Ben Kunlong and Song Baoyun. [BLOOD PICTURE OF THE TREE SHREW (*TUPAIA BELANGERI*).] *Zool. Res.* 4(3):291-294. Aug. 1983. In Chinese with English summ. WR 192
[Kunming Inst. Zool., Acad. Sinica, Kunming, China]

OTHER MAMMALS

84-001192 Berg, Judith Kay. VOCALIZATIONS AND ASSOCIATED BEHAVIORS OF THE AFRICAN ELEPHANT (*LOXODONTA AFRICANA*) IN CAPTIVITY. *Z. Tierpsychol.* 63(1):63-79. Sept. 1983. In English with German summ. WR 192
[Zool. Soc. San Diego, San Diego Wild Anim. Park, Rt. 1, Box 725E, Escondido, CA 92025]

84-001193 Canfield, P. J. and R. J. Whittington. MORPHOLOGICAL OBSERVATIONS ON THE ERYTHROCYTES, LEUKOCYTES AND PLATELETS OF FREE-LIVING PLATYPUSES, *ORNITHORHYNCHUS ANATINUS* (SHAW) (MONOTREMATA: ORNITHORHYNCHIDAE). *Aust J. Zool.* 31(4):421-432. 1983. WR 192
[Dep. Vet. Pathol., Univ. Sydney, Sydney, New South Wales 2006, Australia]

84-001194 De Moura Filho, Alberto Galvao; Sara Espe Huggins and Salustiano Gomes Lines. SLEEP AND WAKING IN THE THREE-TOED SLOTH, *BRADYPUS TRIDACTYLUS. Comp. Biochem. Physiol. A Comp. Physiol.* 76(2):345-355. 1983. WR 192
[Huggins: Dep. Biol., Univ. Houston, Houston, TX 77004]

84-001195 Hoogstraal, Harry and Hilda Y. Wassef. NOTES ON AFRICAN HEAMAPHYSALIS TICKS. XIII. IDENTITY OF *H. (RHIPISTOMA) COOLEYI*, A PARASITE OF THE ROCK HYRAX IN SOUTH AFRICA (ACARINA: IXODIDAE). *Naval Med. Res. Unit No. 3 (New York)* Rep. No. NAMRU-3-TR-19/82. 8p. 23 Apr. 1981. From U.S. Government Reports 83(8):1462. 15 Apr. 1983. Available from NTIS as AD-A122 120/9. WR 192

OTHER MAMMALS (CONTINUED)

84-001196 Moss, Cynthia J. OESTROUS BEHAVIOUR AND FEMALE CHOICE IN THE AFRICAN ELEPHANT. *Behaviour* 86(3-4):167-196. 1983. In English with French summ. WR 192
[African Wildl. Foundation, P.O. Box 48177, Nairobi, Kenya] *Loxodonta africana*.

84-001197 Munday, B. L. and B. F. Peel. SEVERE ULCERATIVE DERMATITIS IN PLATYPUS (*ORNITHORHYNCHUS ANATINUS*). *J. Wildl. Dis.* 19(4):363-365. Oct. 1983. WR 192
[Mt. Pleasant Lab., P.O. Box 46, Launceston South, Tasmania, Australia 7250]

84-001198 Schmidt, Michael J. STUDIES ON ASIAN ELEPHANT REPRODUCTION AT THE WASHINGTON PARK ZOO. *Zoo Biol.* 1(2):141-147. 1982. WR 192
[Washington Park Zoo, 4001 SW Canyon Rd., Portland, OR 97221] *Elephas maximus*.

84-001199 Seymour, Charles; Pauline H. Peralta and G. Gene Montgomery. VIRUSES ISOLATED FROM PANAMANIAN SLOTHS. *Am. J. Trop. Med. Hyg.* 32(6):1435-1444. Nov. 1983. WR 192
[Microbiol. Div., St. Francis Hospital & Med. Cent., 114 Woodland St., Hartford, CT 06105] *Bradypus variegatus* and *Choloepus hoffmani*.

84-001200 Smielowski, Jan; Piotr Stanislawski and Tadeusz Taworski. BREEDING THE GIANT ANTEATER. *Int. Zoo News* 28(5):2-6. Sept.-Oct. 1981. WR 192
[Inst. Appl. Zool., Acad. Agric., Wojska, Polskiego 71c, 60-625 Posnan, Poland] *Myrmecophaga tridactyla*.

84-001201 Steyn, Danile and J. Hanks. AGE DETERMINATION AND GROWTH IN THE HYRAX *PROCAVIA CAPENSIS* (MAMMALIA: PROCAVIIDAE). *J. Zool. (Lond.)* 201(2):247-257. Oct. 1983. WR 192
[Inst. Nat. Resour., Univ. Natal, P.O. Box 375, Pietermaritzburg 3200, South Africa]

84-001202 Western, David; Cynthis Moss and Nicholas Georgiadis. AGE ESTIMATION AND POPULATION AGE STRUCTURE OF ELEPHANTS FROM FOOTPRINT DIMENSIONS. *J. Wildl. Manage.* 47(4):1192-1197. Oct. 1983. WR 192
[Box 48177, Nairobi, Kenya] *Loxodonta africana* in Kenya.

84-001203 Whittington, R. J. and T. R. Grant. HAEMATOLOGY AND BLOOD CHEMISTRY OF THE FREE-LIVING PLATYPUS, *ORNITHORHYNCHUS ANATINUS* (SHAW) (MONOTREMATA: ORNITHORHYNCHIDAE). *Aust. J. Zool.* 31(4):475-482. 1983. WR 192
[c/-16 Cynthea Rd., Palm Beach, New South Wales 2108, Australia]

84-001204 Whittington, R. J. and K. A. McColl. ASPIRATION PNEUMONIA IN A WILD PLATYPUS *ORNITHORHYNCHUS ANATINUS*. *Aust. Vet. J.* 60(9):277. Sept. 1983. WR 192

OTHER MAMMALS (CONTINUED)

84-001204 CONTINUED
[Crown Street Vet. Hospital, Crown St., Wollongong, New South Wales, Australia 2500]

84-001205 Yamada, Junzo and William J. Krause. AN IMMUNOHISTOCHEMICAL SURVEY OF ENDOCRINE CELLS AND NERVES IN THE PROXIMAL SMALL INTESTINE OF THE PLATYPUS, *ORNITHORHYNCHUS ANATINUS*. *Cell Tissue Res.* 234(1):153-164. Oct. 1983. WR 192
[Dep. Veterinary Anat., Obihiro Univ. Agric. & Veterinary Med., Inada-cho, Obihiro, Hokkaido 080, Japan]

BIRDS--GENERAL

84-001206 Alerstam, Thomas and Göran Högstedt. OPTIMAL REPRODUCTIVE SUCCESS--REPLY TO RICKLEFS. *Oikos* 41(2):286-288. Oct. 1983. In English. WR 192
[Dep. Anim. Ecol., Univ. Lund, Ecol. Bldg., S-223 62 Lund, Sweden]

84-001207 Best, Louis B. BIRD USE OF FENCEROWS: IMPLICATIONS OF CONTEMPORARY FENCEROW MANAGEMENT PRACTICES. *Wildl. Soc. Bull.* 11(4):343-347. 1983. WR 192
[Dep. Anim. Ecol., Iowa State Univ., Ames 50011]

84-001208 Dowsett, R. J. DIURNAL WEIGHT VARIATION IN SOME MONTANE BIRDS IN SOUTH-CENTRAL AFRICA. *Ostrich* 54(2):126-128. June 1983. WR 192
[194 Rue de Bois de Breux, B-4500 Jupille, Belgium]

84-001209 Egorov, Yu. E. and A. S. Ayupov. [QUANTITATIVE ESTIMATE OF THE ROLE OF BIRDS IN ECOSYSTEMS.] *Ornitologiya* 18:194-196. 1983. In Russian. WR 192

84-001210 Fjeldså, Jon. GUIDE TO THE YOUNG OF EUROPEAN PRECOCIAL BIRDS. *Nature Publications (Denmark)* 288p. 1983. Price: D Kr.200. WR 192
Data for 178 spp.

84-001211 Flint, V. E.; G. N. Kashin; A. B. Kerimov and N. D. Poyarkov. [ON UNIFICATION OF RUSSIAN NAMES OF BIRDS.] *Ornitologiya* 18:124-155. 1983. In Russian with English summ. WR 192

84-001212 Gollop, Bernard. BIRDS--NEW NAMES, NEW ORDER. *Blue Jay* 41(4):186-188. Dec. 1983. WR 192
[Canadian Wildl. Serv., 115 Perimeter Rd., Saskatoon, Saskatchewan S7N 0X4, Canada]

84-001213 Hamel, Paul B. and others. BIRD-HABITAT RELATIONSHIPS ON SOUTHEASTERN FOREST LANDS. *U.S. For. Serv. Gen. Tech. Rep.* SE-22. 417p. Sept. 1982. From Monthly Catalog of U.S. Government Publications 83-16707. Aug. 1983. WR 192

BIRDS--GENERAL (CONTINUED)

84-001214 Hanmer, D. B. LONGEVITY FROM RETRAPS. *Safring News* 10:12-22. 1981. WR 192
[Sucoma, Private Bag 50, Blantyre, Malawi]

84-001215 Hjort, Christian. RED-BREASTED MERGANSER, GOLDEN PLOVER AND FIELDFARE IN EASTERN NORTH GREENLAND, 1979. *Dan. Ornithol. Foren. Tidsskr.* 76(1-2):71. 1982. In English with Danish summ. WR 192
[Hessle, Munkarp, S-243 00 Höör, Sweden] *Mergus serrator, Pluvialis apricaria,* and *Turdus pilaris.*

84-001216 Ilyichev, V. D.; O. L. Silaeva and A. V. Tikhonov. [BIOACOUSTIC ASPECTS OF ONOMOTOPOEIC NAMES OF BIRDS.] *Ornitologiya* 18:156-162. 1983. In Russian with English summ. WR 192

84-001217 Kålås, John Atle and Rune Roalkvam. FEEDING HABITS OF BREEDING BIRDS IN A WESTERN NORWEGIAN ESTUARY. *Fauna Norv. Ser. C Cinclus* 6(2):73-77. 1983. In English with Norwegian summ. WR 192
[Directorate Wildl. & Freshwater Fish, Sverresgt. 1, N-7000 Trondheim, Norway] Data for 8 spp.

84-001218 Luther, Dieter. DIE IM ZEITRAUM 1960 BIS 1979 NEUBESCHREIBENEN VOGELARTEN. [NEWLY-DESCRIBED BIRD SPECIES FOR THE PERIOD 1960-1979.] *Falke* 28(5):164-170. May 1981. In German. WR 192

84-001219 Piersma, Theunis and Gerard Boere. WETLANDS IN WEST-AFRIKA: BELANGRIJK VOOR NEDERLAND. [WETLANDS IN WEST AFRICA: IMPORTANT FOR THE NETHERLANDS.] *Vogels* No. 3. p. 220-222. 1980. In Dutch. WR 192
[Korte Nieuwstr. 4, 9724 LC Groningen, Netherlands]

84-001220 Rich, P. V. and C. A. Walker. A NEW GENUS OF MIOCENE FLAMINGO FROM EAST AFRICA. *Ostrich* 54(2):95-104. June 1983. WR 192
[Dep. Earth Sci., Monash Univ., Clayton, Victoria, Australia 3169] *Leakeyornis.*

84-001221 Ricklefs, Robert E. A COMMENT ON THE REGULATION OF REPRODUCTIVE SUCCESS TOWARDS $E^{-1}$. *Oikos* 41(2):284-285. Oct. 1983. In English. WR 192
[Dep. Biol., Univ. Pa., Philadelphia 19104]

84-001222 Smies, Maarten. SIMULATION OF SMALL BIRD POPULATIONS. I. DEVELOPMENT OF A STOCHASTIC MODEL. *Ecol. Modelling* 20(4):259-277. Dec. 1983. WR 192
[Shell Int. Res. Maatschappij B.V., Group Toxicol. Div., P.O. Box 162, 2501 AN Den Haag, Netherlands]

BIRDS--TECHNIQUES

84-001223 Becker, Jürgen; Brigitte Kaluza; Werner Keil and Henning van Raden. VOGELZUGBEOBACHTUNGEN DURCH GROßRADARGERÄTE IN DER BUNDESREPUBLIK DEUTSCHLAND. [BIRD FLIGHT OBSERVATIONS BY MEANS OF LONG RANGE

BIRDS--TECHNIQUES (CONTINUED)

84-001223 CONTINUED RADAR IN THE FEDERAL REPUBLIC OF GERMANY.] *Verh. Ornithol. Ges. Bayern* 23(5/6):493-500. Oct. 1983. In German with English summ. WR 192
[Staatl. Vogelschutzwarte Hessen, Rheinland-Pfalz Saarland, Steinauer Str. 44, 6000 Frankfurt/Main 61, West Germany]

84-001224 Brainich, Hans. ANALYSE DER FÜTTERUNGSAKTIVITÄTEN VERSCHIEDENER VOGELARTEN MIT HILFE DER MATHEMATISCHEN STATISTIK. [ANALYSIS OF FEEDING HABITS OF VARIOUS BIRD SPECIES THROUGH THE HELP OF MATHEMATICAL STATISTICS.] *Falke* 28(10):338-343. Oct. 1981. In German. WR 192

84-001225 Busching, Wolf-Dieter. PRAKTISCHE HINWEIZE ZUR ANLAGE EINER RUPFUNGSSAMMLUNG. [PRACTICAL HINTS FOR ESTABLISHING A BIRD FEATHER COLLECTION.] *Falke* 28(10):330-335. Oct. 1981. In German. WR 192

84-001226 Cairns, D. K. EXAMINING NESTING CAVITIES WITH AN OPTICAL FIBERSCOPE. *Wilson Bull.* 95(3):492. Sept. 1983. WR 192
[Biol. Dep., Carleton Univ., Ottawa, Ontario, Canada K1S 5B6] *Cepphus grylle* and *Fratercula arctica.*

84-001227 du Feu, Chris; Mike Hounsome and Ian Spence. A SINGLE-SESSION MARK/RECAPTURE METHOD OF POPULATION ESTIMATION. *Ringing Migration* 4(4):211-226. Oct. 1983. WR 192
[2 Church St., Beckingham, Notts. ND10 4PH, England]

84-001228 Fokin, S. Yu. and Yu. I. Fokin. [DEVICE FOR REGISTERING BIRDS' ACTIVITY DURING INCUBATION UNDER ARCTIC CONDITIONS.] *Ornitologiya* 18:97-101. 1983. In Russian with English summ. WR 192

84-001229 French, N. A. and R. G. Board. WATER VAPOUR CONDUCTANCE OF WILDFOWL EGGS AND INCUBATOR HUMIDITY. *Wildfowl* 34:144-152. 1983. WR 192
[School Biol. Sci., Univ. Bath, Bath, BA2 7AY, England]

84-001230 Helle, Pekka and Erkki Pullianinen. ON THE EFFICIENCY OF THE LINE TRANSECT METHOD: A STUDY BASED ON NEST SEARCHING. *Ornis Fenn.* 60(2):35-41. 1983. In English with Finnish summ. WR 192
[Oulanka Biol. Stn., Univ. Oulu, Torikatu 7, SF-90100 Oulu 10, Finland]

84-001231 Jannett, Frederick J., Jr. A QUANTITATIVE METHOD FOR AGE DETERMINATION OF ADULT BIRDS. *Am. Midl. Nat.* 109(1):145-151. Jan. 1983. WR 192
[Dep. Biol., Sci. Mus. Minn., St. Paul 55101]

84-001232 Keskpaik, Yu. [METHODOLOGICAL ASPECTS OF THE BIOTELEMETRY OF A FLYING BIRD.] *Ornitologiya* 18:91-96. 1983. In Russian with English summ. WR 192

84-001233 Korschgen, Carl E.; William L. Green and Richard G. Seasholtz. A LASER SYSTEM TO REMOTELY SENSE BIRD MOVEMENTS. *J. Wildl. Manage.* 47(4):1159-1162. Oct. 1983. WR 192
[U.S. Fish & Wildl. Serv., Northern Prairie Wildl. Res. Cent., La Crosse, WI 54601]

BIRDS--TECHNIQUES (CONTINUED)

84-001234 McIntyre, David. A YEAR-ROUND CENSUS. *Kingbird* 33(4):232-243. 1983. WR 192
Bird census in New York.

84-001235 Recher, H. F.; D. R. Milledge; P. Smith and W. G. Rohan-Jones. A TRANSECT METHOD TO COUNT BIRDS IN EUCALYPT FOREST. *Corella* 7(3):49-54. Sept. 1983. WR 192
[Australian Mus., 6-8 College St., Sydney, New South Wales 2000, Australia]

84-001236 Reininger, Ken. ARTIFICIAL INCUBATION OF BIRD EGGS. *Anim. Keepers' Forum* 10(12):418-423. Dec. 1983. WR 192
[Burnet Park Zoo, Syracuse, NY]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS

84-001237 Anderson, Bertin W.; Robert D. Ohmart and Jake Rice. AVIAN AND VEGETATION COMMUNITY STRUCTURE AND THEIR SEASONAL RELATIONSHIPS IN THE LOWER COLORADO RIVER VALLEY. *Condor* 85(4):392-405. Nov. 1983. WR 192
[Cent. Environ. Studies, Ariz. State Univ., Tempe 85287]

84-001238 Arnold, G. W. THE INFLUENCE OF DITCH AND HEDGEROW STRUCTURE, LENGTH OF HEDGEROWS, AND AREA OF WOODLAND AND GARDEN ON BIRD NUMBERS ON FARMLAND. *J. Appl. Ecol.* 20(3):731-750. Dec. 1983. WR 192
[CSIRO Div. Anim. Production, Private Bag, Wembley, Western Australia, Australia]

84-001239 Ayupov, A. S.; E. V. Prokhorov; Yu. A. Gorshkov and V. G. Ivlev. [OCCURRENCES OF RARE BIRDS IN TARTAR ASSR.] *Ornitologiya* 18:163-164. 1983. In Russian. WR 192
Annotated list.

84-001240 Bell, H. L. FORTY YEARS OF CHANGE IN THE AVIFAUNA OF A SYDNEY SUBURB. *Aust. Birds* 18(1):1-6. Oct. 1983. WR 192

84-001241 Binford, Laurence C. SIXTH REPORT OF THE CALIFORNIA BIRD RECORDS COMMITTEE. *West. Birds* 14(3):127-145. 1983. WR 192
[985 Emily Ave., Rohnert Park, CA 94928]

84-001242 Blake, John G. TROPHIC STRUCTURE OF BIRD COMMUNITIES IN FOREST PATCHES IN EAST-CENTRAL ILLINOIS. *Wilson Bull.* 95(3):416-430. Sept. 1983. WR 192
[606 E. Healey St., Vivarium Bldg., Univ. Ill., Campaign 61820]

84-001243 Blondel, J. THE DYNAMICS OF BIRD COMMUNITIES ALONG MAINLAND AND ISLAND MEDITERRANEAN SUCCESSIONS. *Ibis* 125(4):588-589. Oct. 1983. Abstract only. WR 192
[Cent. Natl., Recherche Sci., Montpellier, France]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

84-001244 Boström, Ulf and Sven G. Nilsson. LATITUDINAL GRADIENTS AND LOCAL VARIATIONS IN SPECIES RICHNESS AND STRUCTURE OF BIRD COMMUNITIES OF RAISED PEAT-BOGS IN SWEDEN. *Ornis Scand.* 14(3):213-226. Sept. 1983. WR 192
[Dep. Wildl. Ecol., Swedish Univ. Agric. Sci., S-750 07 Uppsala, Sweden]

84-001245 Bourne, W. R. P. and A. C. F. David. HENDERSON ISLAND, CENTRAL SOUTH PACIFIC, AND ITS BIRDS. *Notornis* 30(3):233-243. Sept. 1983. WR 192
[Dep. Zool., Univ. Aberdeen, Aberdeen, Scotland]

84-001246 Brown, Michael W. SUMMER BIRD USE OF A STATE-OWNED HUNTING AREA IN NORTHWESTERN ILLINOIS. *Prairie Nat.* 15(3):125-128. Sept. 1983. WR 192
[Dep. Anim. Ecol., Iowa State Univ., Ames 50011]

84-001247 Busche, Günther. VOGELBESTÄNDE DER ALTMARSCH SCHLESWIG-HOLSTEINS IM JAHRESLAUF. [SEASONAL CHANGES IN A BIRD COMMUNITY OF THE „ALTMARSCH" IN SCHLESWIG-HOLSTEIN.] *J. Ornithol.* 124(4):415-430. 1983. In German with English summ. WR 192
[Hochfelder Weg 49, D-2240 Heide, West Germany]

84-001248 Carnell, Eleanor S. WINTER BIRDS OF A SMALL TIDAL ESTUARY IN SOUTHEASTERN NORTH CAROLINA. *Chat* 47(3):57-62. 1983. WR 192
[322 Pages Creek Dr., Wilmington, NC 28405]

84-001249 Case, Ted J.; John Faaborg and Ron Sidell. THE ROLE OF BODY SIZE IN THE ASSEMBLY OF WEST INDIAN BIRD COMMUNITIES. *Evolution* 37(5):1062-1074. Sept. 1983. WR 192
[Dep. Biol., Univ. Calif., La Jolla 92093]

84-001250 Clement, P., editor. BIRDS OF THE LONDON AREA, 1980 WITH ADDITIONS AND CORRECTIONS FOR PREVIOUS YEARS. *London Bird Rep.* No. 45. p. 13-82. 1980. WR 192
[9 Headley, King Charles Rd., Surbiton, Surrey, England]

84-001251 Cody, Martin L. BIRD DIVERSITY AND DENSITY IN SOUTH AFRICAN FORESTS. *Oecologia (Berl.)* 59(2-3):201-215. Sept. 1983. WR 192
[Dep. Biol., Univ. Calif., Los Angeles 90024]

84-001252 Crabtree, Thomas J. and Harry B. Nehls. A CHECKLIST OF THE BIRDS OF OREGON. *West. Birds* 12(4):145-156. 1981. WR 192
[1667 NW Iowa, Bend, OR 97701]

84-001253 Crebbin, J. C. DIURNAL VARIATION IN THE NUMBERS OF BIRDS FEEDING AT A SEWAGE WORKS IN SUMMER. *Bird Study* 30(3):215-221. Nov. 1983. WR 192
[92 Beechwood Ave., Wibsey, Bradford, West Yorkshire BD6 3AF, England]

84-001254 Debus, S. J. S. BIRDS IN A PINE PLANTATION AT ARMIDALE, NEW SOUTH WALES. *Corella* 7(1):14-16. Mar. 1983. WR 192
[P.O. Box 1015, Armidale, New South Wales 2350, Australia]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

84-001255 Demetriades, K. K. [ORNITHOLOGICAL FINDINGS NEAR UKHTA TOWN.] *Ornitologiya* 18:165-166. 1983. In Russian. WR 192

84-001256 Earlé, R. A. NOTES ON BIRD PARTIES IN SOME TRANSVAAL INDIGENOUS FORESTS. *Ostrich* 54(3):176-178. Sept. 1983. WR 192
[Natl. Mus., P.O. Box 266, Bloemfontein 9300, South Africa]

84-001257 Edula, E. PESALEIDUDEST VILJANDI LÄHEMAST ÜNBRUSEST 1980. AASTAL. [ON NEST FINDS NEAR VILJANDI IN 1980.] *Loodusevaatlusi* 1980(1):85-91. 1982. In Estonian with Russian and English summ. WR 192

84-001258 Finlayson, J. C. RECENT TRENDS AND CHANGES IN THE STATUS OF THE BIRDS OF GIBRALTAR. *Alectoris* No. 5. p. 2-9. 1983. WR 192

84-001259 Fuller, R. J. BIRD POPULATIONS AND MANAGEMENT IN LINCOLNSHIRE LIMEWOODS. *Ibis* 125(4):590-591. Oct. 1983. Abstract only. WR 192
[British Trust for Ornithol., Tring, Hertfordshire, England]

84-001260 Germogenov, N. I. and V. I. Pozdnyakov. [SOME NESTING HABITS OF BIRDS IN THE LOWER LENA VALLEY.] *Ornitologiya* 18:190-191. 1983. In Russian. WR 192

84-001261 Gordienko, N. S. [AVIFAUNA OF NAURZUM RESERVE.] *Ornitologiya* 18:164-165. 1983. In Russian. WR 192

84-001262 Gosper, D. G. AN AVIFAUNAL SURVEY OF LITTORAL HABITATS NEAR BALLINA, NEW SOUTH WALES. *Corella* 7(1):7-13. Mar. 1983. WR 192
[15 Arthur St., Casino, New South Wales 2470, Australia]

84-001263 Haila, Yrjö and Olli Järvinen. LAND BIRD COMMUNITIES ON A FINNISH ISLAND: SPECIES IMPOVERISHMENT AND ABUNDANCE PATTERNS. *Oikos* 41(2):255-273. Oct. 1983. In English with Russian summ. WR 192
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

84-001264 Harrison, Craig S.; Thomas S. Hida and Michael P. Seki. HAWAIIAN SEABIRD FEEDING ECOLOGY. *Wildl. Monogr.* No. 85. 71p. Oct. 1983. Available at $4.05 from The Wildlife Society, 5410 Grosvenor Lane, Bethesda, MD 20814. WR 192
[Environ. Policy Cent., East-West Cent., 1777 East-West Rd., Honolulu, HI 96848]

84-001265 Hauge, Kjell-Ove. BIRD COMMUNITY COMPOSITION IN HETEROGENEOUS VEGETATION STRUCTURE IN SW NORWAY. *Fauna Norv. Ser. C Cinclus* 6(1):14-21. 1983. In English with Norwegian summ. WR 192
[Tjønnåsveien 1, N-4000 Stavanger, Norway]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

84-001266 Horton, Sherry K. and others. MIGRATORY BIRD POPULATIONS AND HABITAT RELATIONSHIPS IN MALHEUR-HARNEY LAKES BASIN, OREGON. *U.S. Fish Wildl. Serv.* xii + 130p. Apr. 1983. From Monthly Catalog of U.S. Government Publications 83-20880. Oct. 1983. WR 192

84-001267 Houston, C. Stuart. BIRDS AND BIRDERS AT CRANE LAKE, SASKATCHEWAN. *Blue Jay* 41(4):194-199. Dec. 1983. WR 192
[863 University Dr., Saskatoon, Saskatchewan, Canada S7N 0J8]

84-001268 Howitz, James L. NOTEWORTHY BREEDING BIRDS OF THE CEDAR CREEK NATURAL HISTORY AREA. *Loon* 55(3):99-100. 1983. WR 192
[1700 Silver Lake Rd., New Brighton, MN 55112]

84-001269 Jones, Peter Hope and John Lawton Roberts. BIRDS OF DENBIGHSHIRE. *Nat. Wales New Ser.* 1(2):56-65. 1982. WR 192
[Tanat, 13 Gronant Rd., Prestatyn, Clwyd, Wales] Annotated list.

84-001270 Källander, Hans and Sören Svensson. VINTERFÖREKOMSTEN AV BERGFINK OCH RINGDUVA I FÖRHÅLLANDE TIL SKÖRDEN AV BOKOLLON. [THE WINTER OCCURRENCE OF BRAMBLING, *FRINGILLA MONTIFRINGILLA*, AND WOODPIGEON, *COLUMBA PALUMBUS*, IN SOUTH SWEDEN IN RELATION TO THE BEECH MAST CROP.] *Vår Fågelvärld* 42(6):434-435. 1983. In Swedish with English summ. WR 192
[Ekologihuset, 223 62 Lund, Sweden]

84-001271 Kantrud, Harold A. MAPS OF DISTRIBUTION AND ABUNDANCE OF SELECTED SPECIES OF BIRDS ON UNCULTIVATED NATIVE UPLAND GRASSLANDS AND SHRUB-STEPPE IN THE NORTHERN GREAT PLAINS. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 82/31. vi + 31p. July 1982. From Monthly Catalog of U.S. Government Publications 83-20892. Oct. 1983. WR 192

84-001272 Kastepõld, T. TOPU KUIVARAHU LINNUSTIKUST 1977...1980. A. [ON THE BIRD LIFE OF THE KUIVARAHU REEF IN TOPU BAY 1977...1980.] *Loodusevaatlusi* 1980(1):40-42. 1982. In Estonian with Russian and English summ. WR 192

84-001273 Kettle, R. H. COMMON BIRD CENSUS RESULTS ON A WOODLAND PLOT ON WIMBLEDON COMMON 1973 TO 1980. *Lond. Bird Rep.* No. 47. p. 91-96. Sept. 1983. WR 192
[75 Dupont Rd., London SW20 8EH, England]

84-001274 Kistchinski, A. A. [ORNITHOGEOGRAPHIC CHARACTERISTICS OF THE KANCHALAN RIVER BASIN (CHUKOTSKI NATIONAL DISTRICT).] *Ornitologiya* 18:6-12. 1983. In Russian with English summ. WR 192
Data for 95 spp.

84-001275 Kleen, Vernon M. REPORT AND RESULTS OF THE 1983 STATEWIDE SPRING BIRD COUNT. *Ill. Dep. Conserv. Periodic Rep.* 22:1-19. 1983. WR 192

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

84-001276 Koussouris, T. and A. Diapoulis. [FOR THE DEVELOPMENT AND PROTECTION OF FRESHWATER RESOURCES IN GREECE. I. LAKE MIKRI PRESPA.] *Inst. Oceanogr. Fish. Res. Spec. Publ. (Athens, Greece)* No. 6. 89p. Apr. 1983. In Greek with English summ. WR 192
[Inst. Oceanogr. & Fish. Res., Ag. Kosmas Elliniko, Athens, Greece] Bird list included.

84-001277 Kroodsma, R. L. BIRD COMMUNITIES AND VEGETATION STRUCTURE IN PINE PLANTATIONS OF THE SOUTHEASTERN COASTAL PLAIN. *Oak Ridge Natl. Lab. (Tenn.)* 24p. 1982. From U.S. Government Reports 83(14):2994. 8 July 1983. Available from NTIS as DE83003482. WR 192

84-001278 Kullapere, A. FAUNISTILISI MÄRKMEID HARILAIU POOLSAARE LÄHEDASTELT SAARTELT. [FAUNISTIC NOTES FROM THE ISLETS NEAR THE HARILAIU PENINSULA.] *Loodusevaatlusi* 1980(1):58-62. 1982. In Estonian with Russian and English summ. WR 192

84-001279 Leito, A. VILSANDI SAARE METSALINNUSTIKUST 1980. A. [ON THE BIRD FAUNA OF THE WOODS ON THE VILSANDI ISLAND IN 1980.] *Loodusevaatlusi* 1980(1):42-53. 1982. In Estonian with Russian with English summ. WR 192

84-001280 Leonovich, V. V. [ON THE GENESIS OF AVIFAUNA OF SAND DESERTS IN MIDDLE ASIA.] *Ornitologiya* 18:23-32. 1983. In Russian with English summ. WR 192

84-001281 Lewartowski, Zenon and Krzysztof Wołk. BREEDING AVIFAUNA OF A MOSS-SPRUCE FOREST AND RELATED HABITATS IN THE BIAŁOWIEŻA PRIMEVAL FOREST. *Acta Ornithol. (Warsaw)* 19(4):97-111. 31 Jan. 1983. In English with Polish and Russian summ. WR 192
[Inst. For. Studies Dep. Nat. Protection, 17-230 Białowieża, Poland]

84-001282 Lobkov, E. G. [DATA ON BIRDS FAUNA IN THE PARAPOL VALLEY.] *Ornitologiya* 18:13-22. 1983. In Russian with English summ. WR 192
Data for 107 spp.

84-001283 London Natural History Society. BIRDS OF THE LONDON AREA, 1982. *Lond. Bird Rep.* No. 47. p. 13-86. Sept. 1983. WR 192
Annotated list.

84-001284 Luniak, Maciej. THE AVIFAUNA OF URBAN GREEN AREAS IN POLAND AND POSSIBILITIES OF MANAGING IT. *Acta Ornithol. (Warsaw)* 19(1):3-61. 31 Jan. 1983. In English with Polish and Russian summ. WR 192
[Inst. Zool., Polish Acad. Sci., Wilcza 64, 00-679 Warsaw, Poland]

84-001285 Luther, Dieter. DIE IM ZEITRAUM 1960 BIS 1979 NEUBESCHRIEBENEN VOGELARTEN. [NEWLY-DESCRIBED BIRD SPECIES FOR THE PERIOD 1960-1979.] *Falke* 28(6):194-203. June 1981. In German. WR 192

84-001286 Luther, John S.; Guy McCaskie and Jon Dunn. FIFTH REPORT OF THE CALIFORNIA BIRD RECORDS COMMITTEE. *West. Birds* 14(1):1-16. 1983. WR 192
[Coll. Alameda, 555 Atlantic Ave., Alameda, CA 94501]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

84-001287 Mayaud, Nöel. LES OISEAUX DU NORD-QUEST DE L'AFRIQUE. NOTES COMPLÉMENTAIRES. [THE BIRDS OF NORTH-WEST AFRICA. SUPPLEMENTARY NOTES.] *Alauda* 51(4):271-301. 1983. In French. WR 192
Annotated list.

84-001288 McCallum, Arch and Rollie Goodman. WORKING LIST OF THE BIRDS OF NEW MEXICO. *NMOS (N.M. Ornithol. Soc.) Bull.* 11(3):25-39. 1983. WR 192

84-001289 McCracken, J. D.; M. S. W. Bradstreet and G. L. Holroyd. THE BREEDING BIRDS OF LONG POINT. *Long Point Bird Observatory Annu. Rep.* 1980:17-18. Dec. 1982. WR 192

84-001290 Morrison, Michael L. and E. Charles Meslow. BIRD COMMUNITY STRUCTURE ON EARLY-GROWTH CLEARCUTS IN WESTERN OREGON. *Am. Midl. Nat.* 110(1):129-137. July 1983. WR 192
[Dep. For. & Resour. Manage., 145 Mulford Hall, Univ. Calif., Berkeley 94720]

84-001291 Nilsson, S. G. THE STRUCTURE OF BIRD COMMUNITIES OF NATURAL FORESTS IN SWEDEN, AND THE BREEDING SUCCESS OF BIRDS NESTING IN NATURAL CAVITIES. *Ibis* 125(4):587-588. Oct. 1983. Abstract only. WR 192
[Uppsala Univ., Uppsala, Sweden]

84-001292 Oomen, H. A. P. C. VOGELS IN EEN GOOISE TUIN. [BIRDS IN A GOOI GARDEN.] *Vogels* No. 14. p. 64-67. Mar.-Apr. 1983. In Dutch. WR 192

84-001293 Osborne, K. C. REGISTER OF ORNITHOLOGICAL SITES IN THE LONDON AREA. *London Bird Rep.* No. 45. p. 83-90. 1980. WR 192
[8 Ellice Rd., Oxted, Surrey, England]

84-001294 Overlease, William and Edith Overlease. A SUMMARY REPORT ON SURVEYS OF WINTER BIRDS IN THREE STATE PARKS IN SOUTH-CENTRAL INDIANA, TURKEY RUN, MC CORMICK'S CREEK, AND SPRING MILL STATE PARKS 1966-1981. *Proc. Pa. Acad. Sci.* 57(1):47-55. 1983. WR 192
[Biol. Dep., West Chester State Coll., West Chester, PA 19380]

84-001295 Pétursson, Gunnlaugur and Kristinn Haukur Skarphéðinsson. SJALDGÆFIR FUGLAR Á ÍSLANDI 1981. [RARE BIRDS IN ICELAND IN 1981.] *Bliki* 1:17-39. May 1983. In Icelandic with English summ. WR 192
[Dalalandi 8, 108 Reykjavík, Iceland]

84-001296 Paakspuu, V.; T. Kastepõld and E. Kastepõld. MATSALU RIIKLIKU LOODUSKAITSEALA SAARTE HAUDELINNUSTIKUST 1980. AASTAL. [ON THE BREEDING POPULATION OF THE ISLETS IN THE MATSALU STATE NATURE RESERVE IN 1980.] *Loodusevaatlusi* 1980(1):4-13. 1982. In Estonian with Russian and English summ. WR 192

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

84-001297 Paakspuu, V.; T. Kastepõld; E. Kastepõld and A. Kullapere. MATSALU RIIKLIKU LOODUSKAITSEALA MERESAARTE LINNUKOOSLUSEST AASTATEL 1959...1980. [ON THE BIRD COMMUNITY OF THE MARINE ISLETS OF THE MATSALU STATE NATURE RESERVE IN 1959...1980.] *Loodusevaatlusi* 1980(1):13-21. 1982. In Estonian with Russian and English summ. WR 192

84-001298 Pettersson, Jan. SÄLLSYNTA FÅGLAR I SVERIGE 1982--RAPPORT FRÅN SOF:s RARITETSKOMMITTÉ. [RARE BIRDS IN SWEDEN IN 1982.] *Vår Fågelvärld* 42(6):395-406. 1983. In Swedish with English summ. WR 192
[Strandvägen, Grönhögen, 380 65 Degerhamn, Sweden]

84-001299 Phillips, Glen. A SINGING MALE CENSUS STUDY SUMMARY. *Redstart* 50(3):95-96. July 1983. WR 192
[Apt. 10 Rustic Arms, Rustic Dr., St. Clairsville, OH 43950]

84-001300 Piotrowska, Małgorzata and Krzysztof Wołk. BREEDING AVIFAUNA IN CONIFEROUS FORESTS OF THE BIAŁOWIEZA PRIMEVAL FOREST. *Acta Ornithol. (Warsaw)* 19(3):81-95. 31 Jan. 1983. In English with Polish and Russian summ. WR 192
[Forest Res. Inst., Nat. Protection Res. Stn., 17-230 Białowieża, Poland] Data for 47 spp.

84-001301 Podolski, A. L. and O. F. Sadykov. [NEW DATA ON AVIFAUNA IN BASHKIRIA.] *Ornitologiya* 18:176-178. 1983. In Russian. WR 192

84-001302 Pomeroy, D. E. and Adrian D. Lewis. ESTIMATING THE NUMBER OF SPECIES LIKELY TO OCCUR IN KENYA BIRD ATLAS SQUARES. *Scopus* 7(2):40-43. June 1983. WR 192
[Dep. Zool., Makere Univ., Box 7062, Kampala, Uganda]

84-001303 Przybysz, Jerzy. MATERIALY DO AWIFAUNY BORÓW TUCHOLSKICH. [MATERIALS FOR THE AVIFAUNA OF BORY TUCHOLSKIE.] *Acta Ornithol. (Warsaw)* 19(2):63-80. 31 Jan. 1983. In Polish with Russian and English summ. WR 192
[ul. Sadowa 18, 86-100 Świecie n. Wisłą, Poland] Data for 162 spp.

84-001304 Pyle, Robert L. CHECKLIST OF THE BIRDS OF HAWAII. *'Elepaio* 44(5):47-58. Nov. 1983. WR 192

84-001305 Reed, T. M. ECOLOGICAL SEPARATION IN A WOODLAND BIRD COMMUNITY IN NORTH-WEST SCOTLAND. *Ibis* 125(4):591. Oct. 1983. Abstract only. WR 192
[Nat. Conserv. Council, Huntingdon, England]

84-001306 Ridgely, Beverly S. A GUIDE TO THE BIRDS OF THE SQUAM LAKES REGION, NEW HAMPSHIRE. *Bird Observer East. Mass.* 11(3):125-136. June 1983. WR 192

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

84-001307 Risberg, Lennart. FÅGELRAPPORT FÖR 1982. [BIRD REPORT FOR 1982.] *Vår Fågelvärld* 42(5):301-332. 1983. In Swedish with English summ. WR 192
[Hagmarksgatan 44, S-813 00 Hofors, Sweden]

84-001308 Rochlitzer, R. ORNITHOLOGISCHE NOTIZEN AUS DEM RIESENGEBIRGE TEILGEBIET PRAMENY LABE (ELBQUELLE). [ORNITHOLOGICAL NOTES FOR THE RIESENGEBIRGE, PRAMENY LABE BRANCH (UPPER ELBE).] *Falke* 28(3):82-85. Mar. 1981. In German. WR 192

84-001309 Rogers, Michael J. REPORT ON RARE BIRDS IN GREAT BRITAIN IN 1982. *Br. Birds* 76(11):476-529. Nov. 1983. WR 192
[195 Vicarage Rd., Sunbury-on-Thames, Middlesex TW16 7TP, England]

84-001310 Siebenheller, William and Norma Siebenheller. RECENT ADDITIONS TO BREEDING BIRDS OF STATEN ISLAND 1881-1981. *Proc. Staten Island Inst. Arts Sci.* 32(1):1-3. 1983. WR 192

84-001311 Skarphéðinsson, Kristinn Haukur. FUGLALÍF Í HVANNALINDUM. [THE BIRD-LIFE OF HVANNALINDIR, CENTRAL-ICELAND.] *Bliki* 1:2-11. May 1983. In Icelandic with English summ. WR 192
[Pósthólf 1254, 121 Reykjavík, Iceland]

84-001312 Skarphéðinsson, Kristinn Haukur. FRÆÐSLUFUNDIR FUGLAVERNDARFÉLAGS ÍSLANDS 1982-1983. [DISCOVERIES BY THE SOCIETY FOR THE PROTECTION OF BIRDS OF ICELAND 1982-1983.] *Bliki* 1:48-51. May 1983. In Icelandic. WR 192

84-001313 Sordahl, Tex A. PHENOLOGY AND STATUS OF THE SHOREBIRDS IN NORTHERN UTAH. *West. Birds* 12(4):173-180. 1981. WR 192
[Dep. Biol., Luther Coll., Decorah, IA 52101]

84-001314 Stepanyan, L. S. and A. Bold. [DATA ON NESTING ECOLOGY OF BIRDS IN TUVA AND MONGOLIA.] *Ornitologiya* 18:33-39. 1983. In Russian with English summ. WR 192
Data for 56 spp.

84-001315 Svedarsky, W. Daniel; Thomas A. Feiro and Douglas Sandstrom. BREEDING BIRDS OF AN ABANDONED GRAVEL PIT IN NORTHWEST MINNESOTA. *Loon* 55(3):100-106. 1983. WR 192
[Northwest Exp. Stn. & Tech. Coll., Univ. Minn., Crookston 56716]

84-001316 Szaro, Robert C. and Russell P. Balda. SELECTION AND MONITORING OF AVIAN INDICATOR SPECIES: AN EXAMPLE FROM A PONDEROSA PINE FOREST IN THE SOUTHWEST. *U.S. For. Serv. Gen. Tech. Rep.* RM-89. 8p. June 1982. From Monthly Catalog of U.S. Government Publications 83-12774. June 1983. WR 192

84-001317 Taylor, K. BIRD COMMUNITIES AND MANAGEMENT IN SOUTHERN ENGLISH WOODS. *Ibis* 125(4):591-592. Oct. 1983. Abstract only. WR 192
[British Trust for Ornithol., Tring, Hertfordshire, England]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

84-001318 Thompson, H. A. F. BIRDS RECORDED ON A VISIT TO SOUTH GOULBURN ISLAND, NORTHERN TERRITORY. *Sunbird* 13(2):21-30. June 1983. WR 192
[P.O. Box 39373, Winnellie, Northern Territory 5789, Australia]

84-001319 Thurston, M. H. ORNITHOLOGICAL OBSERVATIONS IN THE SOUTH ATLANTIC OCEAN AND WEDDELL SEA, 1959-64. *Br. Antarct. Surv. Bull.* 54:77-104. 1982. From Ecol. Abstr. 1982/6:82L/8504. 1982. WR 192

84-001320 Tomialojc, L. BIRD CENSUS AND OTHER STUDIES IN BIALOWIEZA NATIONAL PARK, POLAND. *Ibis* 125(4):590. Oct. 1983. Abstract only. WR 192
[Wroclaw Univ., Wroclaw, Poland]

84-001321 Tubbs, C. R. BIRDS AND MANAGEMENT IN THE NEW FOREST WOODLANDS. *Ibis* 125(4):592-593. Oct. 1983. Abstract only. WR 192
[Nat. Conserv. Council, Lyndhurst, England]

84-001322 Turner, Harold. MINDEN NOTES. *Nebr. Bird Rev.* 51(3):84. Sept. 1983. WR 192
[Box 333, Minden, NE 68959] Bird list.

84-001323 Unitt, Philip. BIRDS OF HOT SPRINGS MOUNTAIN, SAN DIEGO COUNTY, CALIFORNIA. *West. Birds* 12(3):125-135. 1981. WR 192
[3411 Felton St., San Diego, CA 92104]

84-001324 Väisänen, Risto A. and Pentti Rauhala. SUCCESSION OF LAND BIRD COMMUNITIES ON LARGE AREAS OF PEATLAND DRAINED FOR FORESTRY. *Ann. Zool. Fenn.* 20(2):115-127. 1983. WR 192
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

84-001325 van Dijk, Jelle. DE DUINEN VAN NOORDWIJK. [THE DUNES OF NOORDWIJK.] *Vogels* No. 14. p. 60-63, 78. Mar.-Apr. 1983. In Dutch. WR 192
Natural area.

84-001326 van Dijk, Perry. MEESLOUWERPOLDER EEN NATUURGEBIED IN DE RANDSTAD. [MEESLOUWER POLDER A NATURAL AREA IN THE SUBURBS.] *Vogels* No. 14. p. 54-55. Mar.-Apr. 1983. In Dutch. WR 192

84-001327 Vinogradov, V. V. and N. D. Reutski. [NEWS ON WINTERING OF BIRDS IN REEDS IN VOLGA DELTA.] *Ornitologiya* 18:188-189. 1983. In Russian. WR 192

84-001328 W. S. O. Records Committee. NEW AND ADDITIONAL RECORDS OF RARE OR UNSEASONAL BIRDS IN WISCONSIN, SPRING 1982 THROUGH WINTER 1982-83. *Passenger Pigeon* 45(2):49-50. 1983. WR 192

84-001329 Wang Shuzhen; Zheng Baolai and Yang Lan. [A RECORD ON THE NEST AND EGG OF SIX SPECIES OF BIRDS IN XISHUANGBANNAN OF YUNNAN.] *Zool. Res.* 4(3):238. Aug. 1983. In Chinese. WR 192

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

84-001330 Weathers, Wesley W. and Wilbur W. Mayhew. TIME OF DAY AND DESERT BIRD CENSUSES. *West. Birds* 12(4):157-172. 1981. WR 192
[Dep. Avian Sci., Univ. Calif., Davis 95616]

84-001331 Weidl, Donald A. AVIAN HIGHLIGHTS FROM DUCK MOUNTAIN PROVINCIAL PARK, SASKATCHEWAN--1981. *Blue Jay* 41(4):190-193. Dec. 1983. WR 192
[Box 607, Birch Hills, Saskatchewan, Canada S0J 0G0]

84-001332 Woolhouse, M. E. J. THE THEORY AND PRACTICE OF THE SPECIES-AREA EFFECT, APPLIED TO THE BREEDING BIRDS OF BRITISH WOODS. *Biol. Conserv.* 27(4):315-332. 1983. WR 192
[Biol. Dep., Queen's Univ., Kingston, Ontario, Canada K7L 3N6]

84-001333 Woortman, A. and K. Oordijk. EEN VOGELWACHT OP DE ENGELSMANPLAAT. [A BIRD SURVEY OF THE ENGELSMANPLAAT.] *Vogels* No. 16. p. 144-146. July-Aug. 1983. In Dutch. WR 192
Census of shorebirds for the period 1972-1982.

84-001334 Yohn, Charles E.; Sheila Squier; David Drews and Todd Gustafson. THE EFFECT OF GYPSY MOTH (*LYMANTRIA DISPAR* L.) DEFOLIATION ON BIRD COMMUNITIES IN MIXED OAK-PINE FORESTS. *Proc. Pa. Acad. Sci* 57(1):114. 1983. Abstract only. WR 192
[Juniata Coll., Huntingdon, PA 16652]

84-001335 Zheng Baolai and Yang Lan. [BIRDS OF NAOZHOU ISLAND.] *Zool. Res.* 4(3):260. Aug. 1983. In Chinese. WR 192
[Kunming Inst. Zool., Acad. Sinica, Kunming, China]

BIRDS--MORPHOLOGY AND PHYSIOLOGY

84-001336 Alexander, R. McN. ON THE MASSIVE LEGS OF A MOA (*PACHYORNIS ELEPHANTOPUS*, DINORNITHES). *J. Zool. (Lond.)* 201(3):363-376. Nov. 1983. WR 192
[Dep. Pure & Appl. Zool., Univ. Leeds, Leeds LS2 9JT, England]

84-001337 Duncker, H. R. and M. Guentert. MORPHOMETRIC ANALYSIS OF THE AVIAN RESPIRATORY SYSTEM. *Am. Zool.* 23(4):894. 1983. Abstract only. WR 192
[Dep. Anat., Univ. Giessen, Giessen, West Germany]

84-001338 Gaunt, Abbot S. AN HYPOTHESIS CONCERNING THE RELATIONSHIP OF SYRINGEAL STRUCTURE TO VOCAL ABILITIES. *Auk* 100(4):853-862. Oct. 1983. WR 192
[Dep. Zool., Ohio State Univ., Columbus 43210]

84-001339 Gavrilov, V. M. [CHANGES IN THE CORRELATION OF PRINCIPAL COMPONENTS OF THE BODY MASS IN SOME PASSERINE BIRDS DURING MOLT.] *Ornitologiya* 18:84-90. 1983. In Russian with English summ. WR 192
*Fringilla coelebs*, *Passer d. domesticus*, and *P. d. bactrianus*.

BIRDS--MORPHOLOGY AND PHYSIOLOGY (CONTINUED)

84-001340 Gleeson, M. and J. H. Brackenbury. RESPIRATORY AND BLOOD GAS RESPONSES IN EXERCISING BIRDS. *Comp. Biochem. Physiol. A Comp. Physiol.* 76(2):211-216. 1983. WR 192
[Dep. Vet. Physiol., Royal (Dick) School Vet. Studies, Univ. Edinburgh, Edinburgh EH9 1QH, Scotland] "Pigeon, penguin and duck."

84-001341 Hanmer, D. B. ABNORMAL NUMBERS OF RECTRICES. *Safring News* 10:3-5. 1981. WR 192
[Sucoma, Private Bag 50, Blantyre, Malawi]

84-001342 Hussell, David and Anne Lambert. WEIGHT LOSS OF BIRDS DURING NOCTURNAL MIGRATORY FLIGHT. *Long Point Bird Observatory Annu. Rep.* 1979:16-17. Nov. 1982. WR 192

84-001343 Iwase, Hitoo; Yukinobu Kato and Kyoko Hotta. COMPARATIVE STUDY OF OVALBUMINS FROM VARIOUS AVIAN SPECIES BY CON A/SEPHAROSE CHROMATOGRAPHY. *Comp. Biochem. Physiol. B Comp. Biochem.* 76(2):345-348. 1983. WR 192
[Dep. Biochem., School Med., Kitasato Univ., Sagamihara 228, Japan] Data for 8 spp.

84-001344 Knox, Alan G. HANDEDNESS IN CROSSBILLS *LOXIA* AND THE AKEPA *LOXOPS COCCINEA*. *Bull. Br. Ornithol. Club.* 103(4):114-118. Dec. 1983. WR 192
[Sub-dep. Ornithol., British Mus. (Nat. Hist.), Tring, Hertfordshire HP23 6AP, England] *Loxia curvirostra curvirostra* and *L. pytyopsittacus*.

84-001345 Maina, J. N. THE BIRD LUNG: HOW IS IT MADE AND HOW DOES IT WORK? *EANHS (East Afr. Nat. Hist. Soc.) Bull.* p. 51-54. July/Aug. 1983. WR 192
[Dep. Vet. Anat., Univ. Nairobi, Box 30197 Nairobi, Kenya]

84-001346 Mohus, Inge. TEMPERATURE TELEMETRY FROM SMALL BIRDS. *Ornis Scand.* 14(4):273-277. Nov. 1983. WR 192
[SINTEF Div. Automatic Control, N-7034 Trondheim-NTH, Norway]

84-001347 Roberts, J. R. and M. R. Hughes. THE EFFECT OF SALINE ACCLIMATION ON WATER AND SODIUM TRANSPORT ACROSS THE SMALL INTESTINE OF DUCKLINGS, GULLS AND QUAIL. *Am. Zool.* 23(4):1014. 1983. Abstract only. WR 192
[Univ. British Columbia, Vancouver, British Columbia, Canada]

84-001348 Rohwer, Sievert. FORMALIZING THE AVOIDANCE-IMAGE HYPOTHESIS: CRITIQUE OF AN EARLIER PREDICTION. *Auk* 100(4):971-974. Oct. 1983. WR 192
[Dep. Zool., Univ. Wash., Seattle 98195]

BIRDS--BEHAVIOR

84-001349 Alerstam, Thomas and Göran Högstedt. REPLY TO WESOŁOWSKI. *Ornis Scand.* 14(3):246-247. Sept. 1983. WR 192
[Dep. Anim. Ecol., Univ. Lund, S-223 62 Lund, Sweden] Re: Wesołowski, T. *Ornis Scand.* 14:63-65. 1983.

BIRDS--BEHAVIOR (CONTINUED)

84-001350 Amlaner, Charles J., Jr. and Nigel J. Ball. A SYNTHESIS OF SLEEP IN WILD BIRDS. *Behaviour* 87(1-2):85-119. 1983. In English. WR 192
[Dep. Biol. Sci., Walla Walla Coll., College Place, WA 99324]

84-001351 Beck, Willy and Wolfgang Wiltschko. ORIENTATION BEHAVIOUR RECORDED IN REGISTRATION CAGES: A COMPARISON OF FUNNEL CAGES AND RADIAL PERCH CAGES. *Behaviour* 87(1-2):145-156. 1983. In English with German summ. WR 192
[Zool. Inst. Univ., Frankfurt/M., West Germany]

84-001352 Beehler, Bruce and Stephen G. Pruett-Jones. DISPLAY DISPERSION AND DIET OF BIRDS OF PARADISE: A COMPARISON OF NINE SPECIES. *Behav. Ecol. Sociobiol.* 13(3):229-238. Sept. 1983. WR 192
[MNH 114, Smithsonian Inst., Washington, DC 20560]

84-001353 Briggs, K. B. TREECREEPERS REARING BLUE TIT. *Br. Birds* 76(10):457. Oct. 1983. WR 192
[26 Hazelmount Dr., Warton, Carnforth, Lancashire LA5 9HU, England] *Certhia familiaris* and *Parus caeruleus* in England.

84-001354 Brunswig, Norman L.; Stephen G. Winton and Paul B. Hamel. A DIETARY OVERLAP OF EVENING GROSBEAKS AND CAROLINA PARAKEETS. *Wilson Bull.* 95(3):452. Sept. 1983. WR 192
[Natl. Audubon Soc., Francis Beidler For., Rt. 1, Box 114, Harleyville, SC 29448] *Coccothraustes vespertinus* and *Conuropsis carolinensis.*

84-001355 Brush, Timothy. CAVITY USE BY SECONDARY CAVITY-NESTING BIRDS AND RESPONSE TO MANIPULATIONS. *Condor* 85(4):461-466. Nov. 1983. WR 192
[Dep. Biol. Sci., Rutgers Univ., Piscataway, NJ 08854]

84-001356 Davey, Peter. RED-BILLED FIREFINCH INDIGOBIRD. *EANHS (East Afr. Nat. Hist. Soc.) Bull.* p. 75. Sept.-Oct. 1983. WR 192
[Box 15007, Nairobi, Kenya] *Lagonosticta senegala* and *Hypochera chalybeata* in Kenya.

84-001357 DeGange, Anthony R. and Lewis D. Consiglieri. RED-LEGGED KITTIWAKE ROBS LEACH'S STORM-PETREL. *Murrelet* 64(2):47. 1983. WR 192
[U.S. Fish & Wildl. Serv., 1011 E. Tudor Rd., Anchorage, AK 99503] *Rissa brevirostris* and *Oceanodroma leucorhoa* in Alaska.

84-001358 Denisova, M. N.; V. I. Podarueva; A. S. Davydova and L. V. Savokhina. [CHANGES IN THE INTENSITY OF SINGING AND THE NUMBERS OF BIRDS IN DIFFERENT REGIONS OF THEIR RANGES.] *Zool. Zh.* 62(8):1232-1244. Aug. 1983. In Russian with English summ. WR 192
[District Pedagogical Inst. Moscow, Univ. Peoples Friendship, Moscow, USSR]

84-001359 Eenpuu, R. RASVATIHASTE (*PARUS MAJOR*) JA KODUVARBLASTE (*PASSER DOMESTICUS*) "ÕPPIMISVÕIMEST". [THE LEARNING CAPACITY OF GREAT TITMICE (*PARUS MAJOR*) AND HOUSE-SPARROWS (*PASSER DOMESTICUS*).]

BIRDS--BEHAVIOR (CONTINUED)

84-001359 CONTINUED *Loodusevaatlusi* 1980(1):96-98. 1982. In Estonian with Russian and English summ. WR 192

84-001360 Ekman, Robert. STENSKVÄTTA DELAR BOPLATS MED SNÖSPARV? [WHEATEAR, *OENANTHE OENANTHE*, SHARING NEST WITH SNOW BUNTING, *PLECTROPHENAX NIVALIS*?] *Vår Fågelvärld* 42(5):348. 1983. In Swedish with English summ. WR 192
[Sandgropsgatan 15, 753 34 Uppsala, Sweden]

84-001361 Fink, Linda S.; Lincoln P. Brower; Robert B. Waide and Paul R. Spitzer. OVERWINTERING MONARCH BUTTERFLIES AS FOOD FOR INSECTIVOROUS BIRDS IN MEXICO. *Biotropica* 15(2):151-153. June 1983. WR 192
[Dep. Zool., Univ. Fla., Gainesville 32611]

84-001362 Foster, Mercedes S. DISRUPTION, DISPERSION, AND DOMINANCE IN LEK-BREEDING BIRDS. *Am. Nat.* 122(1):53-72. July 1983. WR 192
[U.S. Fish & Wildl. Serv., Natl. Mus. Nat. Hist., Washington, DC 20560]

84-001363 Geron, Rafi. INHIBITION OF FLIGHT IN CAPTIVE BIRDS BY TENOTOMY OF THE *EXTENSOR POLLICIS BREVIS*. *Int. Zoo Yearb.* 21:172-173. 1981. WR 192
[Derech Hasadot 6a, K'Far Shmarjahu, Israel]

84-001364 Grzybowski, Joseph A. SOCIALITY OF GRASSLAND BIRDS DURING WINTER. *Behav. Ecol. Sociobiol.* 13(3):211-219. Sept. 1983. WR 192
[Evans Hall, Central State Univ., Edmond, OK 73034]

84-001365 Halkin, Sylvia L. RESTING BIRDS TUCK BILLS TOWARD OUTSIDE OF GROUP. *Auk* 100(4):997-998. Oct. 1983. WR 192
[Dep. Zool., Birge Hall, Univ. Wis., Madison 53706]

84-001366 Hoefler, Jim and Paul Kooiker. EAGLES VS. CORMORANTS. *Passenger Pigeon* 45(3):79. 1983. WR 192
[Wis. Dep. Nat. Resour., Ranger Stn. Box 367, Grantsburg 54840] *Phalacrocorax auritus* and *Haliaeetus leucocephalus* in Wisconsin.

84-001367 Hogstad, Olav. IMPROVED BREEDING SUCCESS OF FIELDFARES *TURDUS PILARIS* NESTING CLOSE TO MERLINS *FALCO COLUMBARIUS*. *Fauna Norv. Ser. C Cinclus* 5(1):1-4. 1982. In English with Norwegian summ. WR 192
[Zool. Inst., Univ. Trondheim, N-7000 Trondheim, Norway]

84-001368 Homberger, D. G. NONADAPTIVE EVOLUTION OF AVIAN DRINKING METHODS. *Am. Zool.* 23(4):894. 1983. Abstract only. WR 192
[La. State Univ., Baton Rouge]

84-001369 Hummel, D. AERODYNAMIC ASPECTS OF FORMATION FLIGHT IN BIRDS. *J. Theor. Biol.* 104(3):321-347. 7 Oct. 1983. WR 192
[Inst. Strömungsmechanik, TU Braunschweg, Bienroder Weg 3, D-3300 Braunschweig, West Germany]

BIRDS--BEHAVIOR (CONTINUED)

84-001370 Laporte, Pierre. UN BÉNÉFICE DU PARASITISME DE LA REPRODUCTION CHEZ LES OISEAUX EN MILIEU TROPICAL. [THE ADVANTAGE OF PARASITISM IN BIRD REPRODUCTION IN THE TROPICAL ENVIRONMENT.] *Carnets Zool.* 42(2):20-22. 1982. In French. WR 192

84-001371 Mearns, R. BREEDING PEREGRINES OILED BY FULMARS. *Bird Study* 30(3):243-244. Nov. 1983. WR 192
[Connansknowe, Kirkton, Dumfries DG1 1SX, Scotland] *Falco peregrinus* and *Fulmarus glacialis* in Scotland.

84-001372 Nickalls, E. M. NOTES ON FISCAL SHRIKE & KLAAS' CUCKOO. *EANHS (East Afr. Nat. Hist. Soc.) Bull.* p. 74. Sept.-Oct. 1983. WR 192
[Langata, Nairobi, Kenya] *Chrysococcyx klaas* and *Lanius collaris* in Kenya.

84-001373 Sauer, Joachim. ZU SPERLINGSFREIBRUTEN UND IHREN URSACHEN. [ON SPARROW FREE-NESTING AND ITS CAUSES.] *Falke* 28(5):157-159. May 1981. In German. WR 192

84-001374 Saul, Lilian J. RED-BELLIED WOODPECKER RESPONSES TO ACCIPITERS. *Wilson Bull.* 95(3):490-491. Sept. 1983. WR 192
[Archbold Biol. Stn., Rt. 2, Box 180, Lake Placid, FL 33852] *Melanerpes carolinus, Accipiter striatus,* and *A. cooperii* in Florida.

84-001375 Tangren, Gerald V. FEEDING BEHAVIOR OF CROWS AND GULLS ON A PUGET SOUND BEACH. *West. Birds* 13(1-4):1-12. 1982. WR 192
[Tree Fruit Res. Cent., Wash. State Univ., Wenatchee, 98801] *Corvus caurinus, Larus glaucescens, L. canus* and *L. philadelphia* in Washington.

84-001376 Temple, Pat. HOUSE SPARROWS CAUSE CEDAR WAXWING NEST FAILURES. *Redstart* 50(3):91-93. July 1983. WR 192
[506 Hazlett Ave., Wheeling, WV 26003] *Passer domesticus* and *Bombycilla cedrorum* in West Virginia.

84-001377 Thompson, D. B. A. and C. J. Barnard. ANTI-PREDATOR RESPONSES IN MIXED-SPECIES ASSOCIATIONS OF LAPWINGS, GOLDEN PLOVERS AND BLACK-HEADED GULLS. *Anim. Behav.* 31(2):585-593. May 1983. WR 192
[Anim. Behav. Res. Group, Dep. Zool., Univ. Nottingham, University Park, Nottingham, NG7 2RD, England] *Vanellus vanellus, Pluvialis apricaria,* and *Larus ridibundus.*

84-001378 Thompson, P. M. and J. H. Lawton. SEED SIZE DIVERSITY, BIRD SPECIES DIVERSITY AND INTERSPECIFIC COMPETITION. *Ornis Scand.* 14(4):327-336. Nov. 1983. WR 192
[Dep. Biol., Univ. York, Heslington, York YO1 5DD, England]

84-001379 Wasserman, Frederick E. FUNCTION OF TERRITORIAL BEHAVIOR. *Boston Univ. (Mass.)* NIMH-83-88. 9p. June 1981. From U.S. Government Reports 83(10):2138. 13 May 1983. Available from NTIS as PB83-152934. WR 192

BIRDS--BEHAVIOR (CONTINUED)

84-001380 Willner, Gale R.; J. Edward Gates and William J. Devlin. NEST BOX USE BY CAVITY-NESTING BIRDS. *Am. Midl. Nat.* 109(1):194-201. Jan. 1983. WR 192
[Cent. Environ. & Estuarine Studies, Univ. Md., State Coll. Campus, Gunter Hall, Frostburg 21532] Data for 5 spp.

84-001381 Wiltschko, Wolfgang. COMPASSES USED BY BIRDS. *Comp. Biochem. Physiol. A Comp. Physiol.* 76(4):709-717. 1983. WR 192
[Fachbereich Biol. Univ., Zool., Siesmayerstr. 70, 6000 Frankfurt a.M., West Germany]

BIRDS--POPULATION DYNAMICS

84-001382 Mountford, M. D. ESTIMATION OF POPULATION FLUCTUATIONS WITH APPLICATION TO THE COMMON BIRD CENSUS. *Inst. Terrestrial Ecol. Annu. Rep.* p. 119-120. 1982. WR 192

BIRDS--MIGRATION AND BANDING REPORTS

84-001383 Alerstam, Thomas. BIRD MIGRATION IN RELATION TO WIND AND TOPOGRAPHY. *Dep. Anim. Ecol. (Univ. Lund, Sweden)* 51p. 1976. WR 192
[Dep. Anim. Ecol., Ecol. Bldg., S-223 62 Lund, Sweden]

84-001384 Bairlein, Franz. HABITAT SELECTION AND ASSOCIATIONS OF SPECIES IN EUROPEAN PASSERINE BIRDS DURING SOUTHWARD, POST-BREEDING MIGRATIONS. *Ornis Scand.* 14(3):239-245. Sept. 1983. WR 192
[Dep. Ecol., Univ. Köln, Weyertal 119, D-5000 Cologne 41, West Germany] Data for 36 spp.

84-001385 Beklová, Miroslava; Jiří Pikula and Lubomír Šabatka. SUPPLEMENT TO PHENOLOGICAL MAPS OF BIRD MIGRATION. *Přírodověd. Pr. Ústavů Česk. Akad. Věd Brné* 17(5):1-53. 1983. In English. WR 192
[Inst. Vertebr. Zool., ČSAV, Květná 8, 603 65 Brno, Czechoslovakia]

84-001386 Beklová, Miroslava; Jiří Pikula and Lubomír Šabatka. PHENOLOGICAL MAPS OF BIRD MIGRATION. *Přírodověd. Pr. Ústavů Česk. Akad. Věd Brně* 17(4):1-47. 1983. In English with Russian summ. WR 192
[Inst. Vertebr. Zool., ČSAV, Květná 8, 603 65 Brno, Czechoslovakia]

84-001387 DeSante, David F. ANNUAL VARIABILITY IN THE ABUNDANCE OF MIGRANT LANDBIRDS ON SOUTHEAST FARALLON ISLAND, CALIFORNIA. *Auk* 100(4):826-852. Oct. 1983. WR 192
[Point Reyes Bird Observatory, 4990 Shoreline Hwy., Stinson Beach, CA 94970]

BIRDS--MIGRATION AND BANDING REPORTS (CONTINUED)

84-001388 Gistsov, A. P. [AUTUMN MIGRATION OF VARIOUS AGE GROUPS OF HIRUNDIDAE AND CORVIDAE IN BOOTHILLS OF WEST TIEN SHAN.] *Ornitologiya* 18:191-193. 1983. In Russian. WR 192
*Hirundo rustica, R. riparia, Corvus cornix, C. frugilegus,* and *C. monedula.*

84-001389 Hook, J. D. BIRD RINGING IN THE LONDON AREA. *London Bird Rep.* No. 45. p. 91-103. 1980. WR 192
[7 Lorraine Court, 53 The Ave., Beckenham, Kent BR3 2EQ, England]

84-001390 Hook, J. D. RINGING REPORT FOR 1982. *Lond. Bird Rep.* No. 47. p. 123-127. Sept. 1983. WR 192
[7 Lorraine Ct., 53 The Ave., Beckenham, Kent BR3 2EQ, England]

84-001391 Hussell, David J. T. RECOVERIES. *Long Point Bird Observatory Annu. Rep.* p. 8-10. 1982. WR 192
[P.O. Box 160, Port Rowan, Ontario, Canada N0E 1M0]

84-001392 Hussell, David and Chris Risley. MIGRATION MONITORING. *Long Point Bird Observatory Annu. Rep.* 1978:12-13. Jan. 1981. WR 192

84-001393 Hussell, David J. T. RECOVERIES. *Long Point Bird Observatory Annu. Rep.* 1980:7-9. Dec. 1982. WR 192

84-001394 Hussell, David J. T. RECOVERIES. *Long Point Bird Observatory Annu. Rep.* 1979:6-10. Nov. 1982. WR 192

84-001395 Hussell, David. MIGRATION MONITORING. *Long Point Bird Observatory Annu. Rep.* 1980:9-12. Dec. 1982. WR 192

84-001396 Kastepõld, T. LINDUDE RÕNGASTAMISEST MATSALU RIIKLIKUL LOODUSKAITSEALAL 1980. AASTAL. [ON BIRD RINGING IN THE MATSALU STATE NATURE RESERVE IN 1980.] *Loodusevaatlusi* 1980(1):21-29. 1982. In Estonian with Russian and English summ. WR 192

84-001397 Kerlinger, Paul. ALTITUDE OF BIRD MIGRATION. *Bird Observer East Mass.* 11(5):243-252. Oct. 1983. WR 192
[Dep. Biol., Univ. Calgary, Calgary, Alberta, Canada]

84-001398 Lakhani, K. H. ESTIMATED BIRD SURVIVAL FROM RING RECOVERIES. *Inst. Terrestrial Ecol. Annu. Rep.* p. 118. 1982. WR 192

84-001399 Oatley, T. B. SOME LOCAL BIRD RINGING STATISTICS FOR 1979-1981. *Safring News* 11(1):9-15. 1982. WR 192

BIRDS--MIGRATION AND BANDING REPORTS (CONTINUED)

84-001400 Oatley, T. B. TWENTY-THIRD RINGING REPORT FOR SOUTHERN AFRICA. *Ostrich* 54(3):141-149. Sept. 1983. WR 192
[South Afr. Bird Ringing Unit, Univ. Cape Town, Rondebosch 7700, South Africa]

84-001401 Ogilvie, M. A. RINGING BY THE WILDFOWL TRUST, 1982. *Wildfowl* 34:172. 1983. WR 192

84-001402 Petersen, Ævar. ENDURHEIMTUR MERKTRA FUGLA. [THE RETURN HOME OF MARKED BIRDS.] *Bliki* 1:52. May 1983. In Icelandic. WR 192
[Náttúrufræðistofnun Islands, Pósthólf 5320, 125 Reykjavík, Iceland]

84-001403 Smith, Roy B. H. BANDING TOTALS. *Long Point Bird Observatory Annu. Rep.* p. 6-7. 1982. WR 192
[P.O. Box 160, Port Rowan, Ontario, Canada N0E 1M0]

84-001404 Spencer, Robert and Robert Hudson. REPORT ON BIRD-RINGING FOR 1981. *Ringing Migration* 4(2):65-128. Dec. 1982. WR 192

84-001405 Vilbaste, H. OPERATSIOONI "BALTIKA" EESTI SEKTSIOONI TÖÖST 1980. AASTA SÜGISEL. [ON THE WORK OF THE ESTONIAN SECTION OF THE OPERATION "BALTIC" IN THE AUTUMN OF 1980.] *Loodusevaatlusi* 1980(1):62-74. 1982. In Estonian with Russian and English summ. WR 192

BIRDS--MORTALITY AND SURVIVAL

84-001406 Klimkiewicz, M. Kathleen; Roger B. Clapp and Anthony G. Futcher. LONGEVITY RECORDS OF NORTH AMERICAN BIRDS: REMIZIDAE THROUGH PARULINAE. *J. Field Ornithol.* 54(3):287-294. 1983. WR 192
[U.S. Fish & Wildl. Serv., Office Migratory Bird Manage., Patuxent Wildl. Res. Cent., Laurel, MD 20708]

84-001407 Lambert, Anne and Chris Risley. GREAT LAKES BEACHED BIRD SURVEY. *Long Point Bird Observatory Annu. Rep.* 1979:14-15. Nov. 1982. WR 192

84-001408 Lambert, Anne. GREAT LAKES BEACHED BIRD SURVEY. *Long Point Bird Observatory Annu. Rep.* 1980:15-16. Dec. 1982. WR 192

84-001409 Maehr, David S.; A. Gordon Spratt and David K. Voigts. BIRD CASUALTIES AT A CENTRAL FLORIDA POWER PLANT. *Fla. Field Nat.* 11(3):45-68. Aug. 1983. WR 192
[Game & Fresh Water Fish Comm., Wildl. Res. Lab., 4005 S. Main St., Gainesville, FL 32601]

BIRDS--MORTALITY AND SURVIVAL (CONTINUED)

84-001410 Nikolaus, G. A BIRD CEMETERY IN THE NUBIAN DESERT, SUDAN. *Scopus* 7(2):48. June 1983. WR 192
[219 Cuxhaven, Feldweg 87, West Germany]

84-001411 Risley, Chris. GREAT LAKES BEACHED BIRD SURVEY. *Long Point Bird Observatory Annu. Rep.* 1978:15-16. Jan. 1981. WR 192

BIRDS--PESTICIDES AND POLLUTION

84-001412 Bühler, Ueli and Gunnar Norheim. THE MERCURY CONTENT IN FEATHERS OF THE SPARROWHAWK *ACCIPITER NISUS* IN NORWAY. *Fauna Norv. Ser. C Cinclus* 5(1):43-46. 1982. In English with Norwegian summ. WR 192
[Ethol. & Wildl. Res., Inst. Zool., Univ. Zürich, Birchstr. 95, 8050 Zürich, Switzerland]

84-001413 Balcomb, Richard. SECONDARY POISONING OF RED-SHOULDERED HAWKS WITH CARBOFURAN. *J. Wildl. Manage.* 47(4):1129-1132. Oct. 1983. WR 192
[Hazard Evaluation Div., Office Pestic. & Toxic Substances, Environ. Protection Agency, Washington, DC 20460] *Buteo lineatus* in Maryland.

84-001414 Balcomb, Richard; Charles A. Bowen II and Howard O. Williamson. ACUTE AND SUBLETHAL EFFECTS OF 1080 ON STARLINGS. *Bull. Environ. Contam. Toxicol.* 31(6):692-698. Dec. 1983. WR 192
[U.S. EPA, Off. Pesticides & Toxic Substances (TS-769), 401 M St., S.W., Washington, DC 20460] *Sturnus vulgaris.*

84-001415 Bird, D. M.; P. H. Tucker; Glen A. Fox and P. C. Laguë. SYNERGISTIC EFFECTS OF AROCLOR 1254 AND MIREX ON THE SEMEN CHARACTERISTICS OF AMERICAN KESTRELS. *Arch. Environ. Contam. Toxicol.* 12(6):633-640. Nov. 1983. WR 192
[Macdonald Raptor Res. Cent., Macdonald Campus of McGill Univ., 21,111 Lakeshore Rd., Ste. Anne de Bellevue, Québec, Canada H9X 1C0] *Falco sparverius.*

84-001416 Breslin, William Joseph. SUBACUTE AND CHRONIC DIETARY TOXICITY OF ETHALFLURALIN TO MALLARDS AND BOBWHITES. *M.S. thesis, Mich. State Univ.* 89p. 1982. From Masters Abstr. 21(1):3. Mar. 1983. WR 192
*Anas platyrhynchos* and *Colinus virginianus.*

84-001417 Byman, D.; F. E. Wasserman; T. H. Kunz; B. A. Schlinger and S. P. Battista. THERMOREGULATION OF BUDGERIGARS EXPOSED TO MICROWAVES (2.45 GHz CW) DURING FLIGHT. *Am. Zool.* 23(4):937. 1983. Abstract only. WR 192
[Pa. State Univ., Dunmore] *Melopsittacus undulatus.*

84-001418 Cain, Brian W.; Lou Sileo; J. Christian Franson and John Moore. EFFECTS OF DIETARY CADMIUM ON MALLARD DUCKLINGS. *Environ. Res.* 32(2):286-297. Dec. 1983. WR 192

BIRDS--PESTICIDES AND POLLUTION (CONTINUED)

84-001418 CONTINUED
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708] *Anas platyrhynchos*.

84-001419 Didier, Robert. HÉPATOTOXICITÉ DE L'ACIDE 2,4,5-TRICHLOROPHÉNOXYACÉTIQUE. ETUDE CYTOLOGIQUE ET BIOCHIMIQUE CHEZ L'EMBRYON DE CAILLE. [HEPATIC-TOXICITY OF 2,4,5-T. CYTOLOGICAL AND BIOCHEMICAL STUDY OF THE QUAIL EMBRYO.] *C.R. Séances Soc. Biol. Fil.* 177(3):304-312. 1983. In French with English summ. WR 192
[Lab. Biol. Anim., ERA 408, Univ. Clermont II, B.P. 45, 63170 Aubière, France] *Coturnix coturnix japonica*.

84-001420 Doerr, Ted B. and Fred S. Guthery. EFFECTS OF TEBUTHIURON ON LESSER PRAIRIE-CHICKEN HABITAT AND FOODS. *J. Wildl. Manage.* 47(4):1138-1142. Oct. 1983. WR 192
[Dep. Range Sci., Colo. State Univ., Fort Collins 80523] *Tympanuchus pallidicinctus* in Texas.

84-001421 Du Guesclin, P. B.; W. B. Emison and I. D. Temby. DELIBERATE MISUSE OF THE ORGANOPHOSPHOROUS PESTICIDE, FENTHION-ETHYL, TO POISON BIRDS IN VICTORIA. *Corella* 7(2):37-39. June 1983. WR 192
[Fish. & Wildl. Div., 250 Victoria Parade, East Melbourne, Victoria 3002, Australia] Data for 15 spp.

84-001422 Ellenton, Jennifer A. and Marcia F. McPherson. MUTAGENICITY STUDIES ON HERRING GULLS FROM DIFFERENT LOCATIONS ON THE GREAT LAKES. I. SISTER CHROMATID EXCHANGE RATES IN HERRING-GULL EMBRYOS. *J. Toxicol. Environ. Health* 12(2-3):317-324. Aug.-Sept. 1983. WR 192
[Natl. Wildl. Res. Cent., Dep. Environ., Ottawa, Ontario, Canada K1A 0E7] *Larus argentatus*.

84-001423 Ellenton, Jennifer A.; Marcia F. McPherson and K. Laurie Maus. MUTAGENICITY STUDIES ON HERRING GULLS FROM DIFFERENT LOCATIONS ON THE GREAT LAKES. II. MUTAGENIC EVALUATION OF EXTRACTS OF HERRING-GULL EGGS IN A BATTERY OF *IN VITRO* MAMMALIAN AND MICROBIAL TESTS. *J. Toxicol. Environ. Health* 12(2-3):325-336. Aug.-Sept. 1983. WR 192
[Natl. Wildl. Res. Cent., Dep. Environ., Ottawa, Ontario, Canada K1A 0E7] *Larus argentatus*.

84-001424 Eriksson, Mats O. G.; Lennart Henrikson and Hans G. Oscarson. FÖRSURNING - ETT FRAMTIDA HOT MOT FISKGJUSEN (*PANDION HALIAETUS*). [ACID RAIN - A FUTURE DANGER FOR THE OSPREY, *PANDION HALIAETUS*.] *Vår Fågelvärld* 42(5):293-300. 1983. In Swedish with English summ. WR 192
[Göteborgs Univ., Zool. Inst., Box 25059, 400 31 Göteborg, Sweden]

84-001425 Falandysz, Jerzy and Piotr Szefer. METALS AND ORGANOCHLORINES IN A SPECIMEN OF WHITE-TAILED EAGLE. *Environ. Conserv.* 10(3):256-258. 1983. WR 192
[Vet. Hyg. Res. Stn., ul. Kartuska 249, PL 80-125, Gdańsk, Poland] *Haliaeëtus albicilla* in Poland.

BIRDS--PESTICIDES AND POLLUTION (CONTINUED)

84-001426 Flickinger, Edward L. and Douglas M. Swineford. ENVIRONMENTAL CONTAMINANT HAZARDS TO ATTWATER'S GREATER PRAIRIE-CHICKENS. *J. Wildl. Manage.* 47(4):1132-1137. Oct. 1983. WR 192
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., P.O. Box 2506, Victoria, TX 77902] *Tympanuchus cupido attwateri* in Texas.

84-001427 Frank, R.; H. Lumsden; J. F. Barr and H. E. Braun. RESIDUES OF ORGANOCHLORINE INSECTICIDES, INDUSTRIAL CHEMICALS, AND MERCURY IN EGGS AND IN TISSUES TAKEN FROM HEALTHY AND EMACIATED COMMON LOONS, ONTARIO, CANADA, 1968-1980. *Arch. Environ. Contam. Toxicol.* 12(6):641-654. Nov. 1983. WR 192
[Agric. Lab. Serv., Pesticide Testing Lab., Ontario Minist. Agric. & Food, c/o Univ. Guelph, Guelph, Ontario, Canada N1G 2W1] *Gavia immer.*

84-001428 Glahn, James F. and Larry D. Lamper. HAZARDS TO GEESE FROM EXPOSURE TO ZINC PHOSPHIDE RODENTICIDE BAITS. *Calif. Fish Game* 69(2):105-114. Apr. 1983. WR 192
[Denver Wildl. Res. Cent., Ky. Res. Stn., Bowling Green 42101] *Branta canadensis moffitti* and *Anser albifrons.*

84-001429 Haas, Margaret B. and A. S. Cooke. POLLUTANTS IN KINGFISHERS. *Inst. Terrestrial Ecol. Annu. Rep.* p. 64-65. 1982. WR 192
*Alcedo atthis* in Britain.

84-001430 Haseltine, Susan D. and Louis Sileo. RESPONSE OF AMERICAN BLACK DUCKS TO DIETARY URANIUM: A PROPOSED SUBSTITUTE FOR LEAD SHOT. *J. Wildl. Manage.* 47(4):1124-1129. Oct. 1983. WR 192
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708] *Anas rubripes.*

84-001431 Henny, Charles J.; Lawrence J. Blus and Charles J. Stafford. EFFECTS OF HEPTACHLOR ON AMERICAN KESTRELS IN THE COLUMBIA BASIN, OREGON. *J. Wildl. Manage.* 47(4):1080-1087. Oct. 1983. WR 192
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., 480 SW Airport Rd., Corvallis, OR 97333] *Falco sparverius.*

84-001432 Hollebone, B. R. and D. B. Peakall. A PHYSIOLOGICAL MODEL FOR BIOEFFECTS MONITORING. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:221-229. 1983. WR 192
[Dep. Chem., Carleton Univ., Ottawa, Ontario, Canada]

84-001433 Jenny, J. Peter; William A. Burnham; Tjitte de Vries; Nancy Hilgert and Fernando Ortiz. ANALYSIS OF PEREGRINE FALCON EGGS IN ECUADOR. *Condor* 85(4):502. Nov. 1983. WR 192
[Peregrine Fund Cornell Univ., 433 W. Works, Sheridan, WY 82801] *Falco peregrinus.*

84-001434 King, Kirke A.; Cathy A. Lefever and Bernard M. Mulhern. ORGANOCHLORINE AND METAL RESIDUES IN ROYAL TERNS NESTING ON THE CENTRAL TEXAS COAST. *J. Field Ornithol.* 54(3):295-303. 1983. WR 192

BIRDS--PESTICIDES AND POLLUTION (CONTINUED)

84-001434 CONTINUED
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Gulf Coast Field Stn., P.O. Box 2506, Victoria, TX 77902] *Sterna maxima.*

84-001435 Kobayashi, Haruo; Akira Yuyama; Masanori Kudo and Naonori Matsusaka. EFFECTS OF ORGANOPHOSPHORUS COMPOUNDS, O,O-DIMETHYL O-(2,2-DICHLOROVINYL) PHOSPHATE (DDVP) AND O,O-DIMETHYL O-(3-METHYL 4-NITROPHENYL) PHOSPHOROTHIOATE (FENITROTHION), ON BRAIN ACETYLCHOLINE CONTENT AND ACETHYLCHOLINESTERASE ACTIVITY IN JAPANESE QUAIL. *Toxicology* 28(3):219-227. Oct. 1983. WR 192
[Dep. Vet. Pharmacol., Fac. Agric., Iwate Univ., Ueda, Morioka, 020 Japan] *Coturnix coturnix japonica.*

84-001436 Longcore, Jerry R.; J. Douglas Heyland; Austin Reed and Pierre Laporte. CONTAMINANTS IN GREATER SNOW GEESE AND THEIR EGGS. *J. Wildl. Manage.* 47(4):1105-1109. Oct. 1983. WR 192
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Univ. Maine, Orono 04469] *Anser caerulescens atlantica.*

84-001437 Marquiss, M. EGGSHELL THINNING AND THE BREAKAGE AND NON-HATCH OF EGGS AT GREY HERON COLONIES. *Inst. Terrestrial Ecol. Annu. Rep.* p. 70-71, 74. 1982. WR 192
*Ardea cinerea.*

84-001438 Miranda, Cristobal L.; Jun-Lan Wang; Marilyn C. Henderson; Hillary M. Carpenter; Harry S. Nakaue and Donald R. Buhler. STUDIES ON THE PORPHYRINOGENIC ACTION OF 1,2,4-TRICHLOROBENZENE IN BIRDS. *Toxicology* 28(1&2):83-92. Sept. 1983. WR 192
[Buhler: Dep. Agric. Chem., Environ. Health Sci. Cent., Oreg. State Univ., Corvallis 97331] *Coturnix coturnix japonica.*

84-001439 Miranda, Cristobal L.; Jun-Lan Wang; Marilyn C. Henderson; Hillary M. Carpenter; Harry S. Nakaue and Donald R. Buhler. DIFFERENTIAL INDUCTION OF HEPATIC DRUG METABOLIZING ENZYMES IN JAPANESE QUAIL BY 1,2,4-TRICHLOROBENZENE. *Toxicology* 28(1&2):75-82. Sept. 1983. WR 192
[Buhler: Dep. Agric. Chem., Environ. Health Sci. Cent., Oreg. State Univ., Corvallis 97331] *Coturnix coturnix japonica.*

84-001440 Møller, Søren. UNDERSØGELSE AF DDE-KONCENTRATIONEN I HJERNER OG ÆG AF SØLVMÅGER *LARUS ARGENTATUS* FRA GRÆSHOLMEN, CHRISTIANSØ. [CONCENTRATIONS OF DDE IN BRAINS AND EGGS OF HERRING GULLS *LARUS ARGENTATUS* FROM GRÆSHOLMEN, CHRISTIANSØ (BORNHOLM).] *Dan. Ornithol. Foren. Tidsskr.* 76(1-2):69-70. 1982. In Danish with English summ. WR 192
[Roskilde Universitetscenter, Inst. I, Hus 18.1, Postbox 260, 4000 Roskilde, Denmark]

84-001441 Molnar, John J. COPPER STORAGE IN THE LIVER OF THE WILD MUTE SWAN (*CYGNUS OLOR*): ITS POSSIBLE RELATION TO POLLUTION OF HARBOR WATERS BY ANTIFOULING PAINTS. *Arch. Pathol. Lab. Med.* 107(12):629-632. Dec. 1983.

BIRDS--PESTICIDES AND POLLUTION (CONTINUED)

84-001441 CONTINUED WR 192
[Dep. Pathol., Univ. Calif. School Med., San Francisco 94134]

84-001442 Montz, W. Edward, Jr.; Patrick F. Scanlon; Richard G. Oderwald; Roderick W. Young; Roy L. Kirkpatrick and Jack V. Gwynn. FAT-SOLUBLE CHEMICAL RESIDUES IN BOBWHITE QUAIL FROM VIRGINIA. *Va. J. Sci.* 34(3):130. 1983. Abstract only. WR 192
[Dep. Fish. & Wildl. Sci., Va. Polytech. Inst. & State Univ., Blacksburg 24061] *Colinus virginianus.*

84-001443 Mudge, G. P. THE INCIDENCE AND SIGNIFICANCE OF INGESTED LEAD PELLET POISONING IN BRITISH WILDFOWL. *Biol. Conserv.* 27(4):333-372. 1983. WR 192
[RSPB, The Lodge, Sandy, Bedfordshire SG19 2DL, England]

84-001444 Pattee, Oliver H. and Steven K. Hennes. BALD EAGLES AND WATERFOWL: THE LEAD SHOT CONNECTION. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:230-237. 1983. WR 192
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD] *Haliaeetus leucocephalus.*

84-001445 Peakall, David B. and Jonathan R. Bart. IMPACTS OF AERIAL APPLICATION OF INSECTICIDES ON FOREST BIRDS. *Crit. Rev. Environ. Control* 13(2):117-165. 1983. WR 192
[Natl. Wildl. Res. Cent., Canadian Wildl. Serv., Ottawa, Ontario, Canada]

84-001446 Rowe, Barbara Ledonne. RESPONSE OF MALLARDS TO CHEMICALLY CONTAMINATED DRINKING WATER. *M.S. thesis, Mich. State Univ.* 38p. 1982. From Masters Abstr. 21(1):4. Mar. 1983. WR 192
*Anas platyrhynchos.*

84-001447 Seel, D. C. FLUORIDE IN THE MAGPIE. *Inst. Terrestrial Ecol. Annu. Rep.* p. 45-48. 1982. WR 192
*P. pica* in England.

84-001448 Stromborg, Kenneth L. MODERN PESTICIDES AND BOBWHITE POPULATIONS. *Proc. Natl. Bobwhite Quail Symp.* 2:69-73. Sept. 1982. WR 192
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708] *Colinus virginianus.*

84-001449 White, Donald H.; Christine A. Mitchell; Elizabeth J. Kolbe and William H. Ferguson. AZODRIN POISONING OF WATERFOWL IN RICE FIELDS IN LOUISIANA. *J. Wildl. Dis.* 19(4):373-375. Oct. 1983. WR 192
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., P.O. Box 2506, Victoria, TX 77902]

BIRDS--PARASITES AND DISEASES

84-001450 Atyeo, W. T. and J. Gaud. FEATHER MITES OF OBLIGATE BROOD PARASITES. *J. Parasitol.* 69(3):455-458. June 1983. WR 192
[Dep. Entomol., Univ. Ga., Athens 30602] Abstract: Brood parasites occur in the avian families Cuculidae (cuckoos), Indicatoridae (honeyguides), Ploceidae (Old World finches), Icteridae (cowbirds), and Anatidae (ducks). In general each has a feather mite fauna similar to related nonparasitic species.

84-001451 Marion, Wayne R.; Timothy E. O'Meara; Gerald D. Riddle and Herman A. Berkhoff. PREVALENCE OF *CLOSTRIDIUM BOTULINUM* TYPE C IN SUBSTRATES OF PHOSPHATE-MINE SETTLING PONDS AND IMPLICATIONS FOR EPIZOOTICS OF AVIAN BOTULISM. *J. Wildl. Dis.* 19(4):302-307. Oct. 1983. WR 192
[School For. Resour. & Conserv., Univ. Fla., Gainesville 32611]

84-001452 Peirce, M. A.; A. G. Greenwood and J. E. Cooper. HAEMATOZOA OF RAPTORS AND OTHER BIRDS FROM BRITAIN, SPAIN AND THE UNITED ARAB EMIRATES. *Avian Pathol.* 12(4):443-446. 1983. In English with French and German summ. WR 192
[16 Westmorland Close, Workingham, Berkshire, RG11 9AZ England]

84-001453 Rao, B. Lalitha; F. U. Khan; H. R. Bhat and S. S. Kadam. ZOONOTIC STUDIES ON INFLUENZA IN PIGS AND BIRDS, INDIA, 1980-81. *Int. J. Zoonoses* 10(1):40-44. June 1983. WR 192
[Natl. Inst. Virol., 20-A, Dr. Ambedkar Rd., P.O. Box 11, Pune-411 001, India] Including house sparrow, common swallow, and "other wild species."

84-001454 Roslaya, I. G. and G. E. Roslyakov. [INTERCONTINENTAL AND ECOLOGICAL RELATIONS OF WILD BIRDS IN THE FAR EAST AND A PROBLEM OF GRIPPE VIRUS CIRCULATION IN ECOSYSTEM.] *Ornitologiya* 18:200-201. 1983. In Russian. WR 192

BIRDS--ECONOMICS, DAMAGE, PREDATION, AND CONTROL

84-001455 Buckelew, Albert R., Jr. GRACKLES RAID TREE SWALLOW NESTS IN ONTARIO. *Redstart* 50(4):119. Oct. 1983. WR 192
[Biol. Dep., Bethany Coll., Bethany, WV 26032] *Quiscalus quiscula* and *Tachycineta bicolor*.

84-001456 Cox, Jeffrey A. FLORIDA SCRUB JAY STEALS BLUE JAY EGGS. *Fla. Field Nat.* 11(3):56-57. Aug. 1983. WR 192
[Fla. State Mus. & Dep. Zool., Univ. Fla., Gainesville 32611] *Aphelocoma coerulescens* and *Cyanocitta cristata* in Florida.

84-001457 Dzhabbarov, A. and A. V. Tikhonov. ON THE DAMAGE CAUSED BY BIRDS IN VINEYARDS OF SOUTH-WEST UZBEKISTAN. *Mosc. Univ. Biol. Sci. Bull.* (*Engl. Transl. Vestn. Mosk. Univ. Biol.*) 37(3):1-4. 1982. Translation of Vestn. Mosk. Univ. Biol. 37(3):3-6. 1982. WR 192

BIRDS--ECONOMICS, DAMAGE, PREDATION, AND CONTROL (CONTINUED)

84-001458 Halpern, Nancy and Gordon F. Bennett. *HAEMOPROTEUS* AND *LEUCOCYTOZOON* INFECTIONS IN BIRDS OF THE OKLAHOMA CITY ZOO. *J. Wildl. Dis.* 19(4):330-332. Oct. 1983. WR 192
[1290 14th St., Lakewood, NJ 08701]

84-001459 Kenward, R. E. GOSHAWK PREDATION ON PHEASANTS. *Inst. Terrestrial Ecol. Annu. Rep.* p. 83-84. 1982. WR 192
*Accipiter gentilis* and *Phasianus colchicus* in Sweden.

84-001460 Norman, D. M. GREAT SKUA KILLING ADULT HERRING GULL. *Br. Birds* 76(10):453. Oct. 1983. WR 192
[Hazelmere, 50 Shirburn Rd., Torquay, Devon, England] *Stercorarius skua* and *Larus argentatus* in England.

84-001461 Skaggs, Merit B. MURDER AT THE BIRD BANDING STATION. *Redstart* 50(4):118. Oct. 1983. WR 192
[3808 Daytona Dr., Austintown, Youngstown, OH 44515] *Quiscalus quiscula* preying upon *Passer domesticus* in Ohio.

84-001462 Stempniewicz, Lech. HUNTING METHODS OF THE GLAUCOUS GULL AND ESCAPE MANEUVERS OF ITS PREY, THE DOVEKIE. *J. Field Ornithol.* 54(3):329-331. 1983. WR 192
[Dep. Anim. Ecol., Inst. Biol., Gdańsk Univ., Czolgistów 46, 81-378 Gdynia, Poland] *Larus hyperboreus* and *Plautus alle* in Norway.

84-001463 Waldenstrom, A. DUVHOK *ACCIPITER GENTILIS* SLAR PRUTGAS *BRANTA BERNICLA*. [GOSHAWK, *ACCIPITER GENTILIS*, KILLS BRENT GOOSE, *BRANTA BERNICLA*.] *Calidris* 82(1):87. 1982. From Ecol. Abstr. 1982/6:82L/8435. 1982. In Swedish with English summ. WR 192

84-001464 Walters, Graham J. CARRION CROWS CAUSING DEATH OF GREY HERON. *Br. Birds* 76(10):459. Oct. 1983. WR 192
[6 Avon Rd., Walthamstow, London E17 3RB, England] *Corvus corone* and *Ardea cinerea* in England.

84-001465 Wright, E. N.; I. R. Inglis and C. J. Feare, editors. BIRD PROBLEMS IN AGRICULTURE. THE PROCEEDINGS OF A CONFERENCE: "UNDERSTANDING AGRICULTURAL BIRD PROBLEMS" HELD AT ROYAL HOLLOWAY COLLEGE, UNIVERSITY OF LONDON, APRIL 4TH-5TH, 1979. *British Crop Protection Council (Croydon, England)* 210p. 1979. WR 192
[Minist. Agric., Fish & Food, Worplesdon Lab., Worplesdon, England] Collection of papers divided into four parts: general considerations; starlings as agricultural pests; bird scaring; and chemical bird repellents.

GROUSE AND PTARMIGAN

84-001466 Bartmann, Wolf. HALTUNG UND ZUCHT VON AUERWILD (*TETRAO UROGALLUS* L.) IM TIERPARK DORTMUND. [MAINTENANCE AND BREEDING OF CAPERCAILLIES (*TETRAO UROGALLUS* L.) AT THE DORTMUND ZOO.] *Z.*

GROUSE AND PTARMIGAN (CONTINUED)

84-001466 CONTINUED *Kölner Zoo* 22(2):61-65. 1979. In German with English summ. WR 192
[Tierpark Dortmund, Hergelteichstr. 80, 4600 Dortmund 50, West Germany]

84-001467 Berg, William. RUFFED GROUSE DRUMMING COUNT, SPRING 1978. *Minn. Wildl. Res. Q.* 39(2):86-96. 1979. WR 192
[For. Wildl. Popul. & Res. Group, Minn. Dep. Nat. Resour., Grand Rapids 55744] *Bonasa umbellus* in Minnesota.

84-001468 Erikstad, Kjell Einar and Reidar Andersen. THE EFFECT OF WEATHER ON SURVIVAL, GROWTH RATE AND FEEDING TIME IN DIFFERENT SIZED WILLOW GROUSE BROODS. *Ornis Scand.* 14(4):249-252. Nov. 1983. WR 192
[Dep. Anim. Ecol., Zool. Mus., Univ. Bergen, N-5000 Bergen, Norway] *Lagopus lagopus lagopus* in Norway.

84-001469 Giesen, Kenneth M. and Clait E. Braun. REPRODUCTIVE PERFORMANCE OF FEMALE WHITE-TAILED PTARMIGAN IN COLORADO. *C.F.O. (Colo. Field Ornithol.) J.* 17(3):7. 1983. Abstract only. WR 192
[Colo. Div. Wildl., Fort Collins 80526] *Lagopus leucurus.*

84-001470 Hale, Philip E. USE OF DISCRIMINANT FUNCTION TO CHARACTERIZE RUFFED GROUSE DRUMMING SITES IN GEORGIA: A REPLY. *J. Wildl. Manage.* 47(4):1152. Oct. 1983. WR 192
[School For. Resour. & Inst. Nat. Resour., Univ. Ga., Athens 30602] *Bonasa umbellus.*

84-001471 Hertel, Wieland; Joachim Müller and Rolf Reinhardt. DAS HASELWILD IM URWALD VON BIALOWIEZA. [THE HAZEL HEN IN THE PRIMEVAL FOREST OF BIAŁOWIEZA.] *Falke* 28(2):52-54. Feb. 1981. In German. WR 192
*Bonasa bonasia.*

84-001472 Hoffman, Richard W. SEX CLASSIFICATION OF JUVENILE BLUE GROUSE FROM WING CHARACTERISTICS. *J. Wildl. Manage.* 47(4):1143-1147. Oct. 1983. WR 192
[Colo. Div. Wildl., Wildl. Res. Cent., 317 W. Prospect, Fort Collins 80526] *Dendragapus obscurus* in Colorado.

84-001473 Jacobsen, Erling E., Jr.; Clayton M. White and William B. Emison. MOLTING ADAPTATIONS OF ROCK PTARMIGAN ON AMCHITKA ISLAND, ALASKA. *Condor* 85(4):420-426. Nov. 1983. WR 192
[Dep. Zool., Brigham Young Univ., Provo, UT 84602] *Lagopus mutus gabrielsoni.*

84-001474 Magnusson, William E. USE OF DISCRIMINANT FUNCTION TO CHARACTERIZE RUFFED GROUSE DRUMMING SITES IN GEORGIA: A CRITIQUE. *J. Wildl. Manage.* 47(4):1151-1152. Oct. 1983. WR 192
[Dep. Ecol., Inst. Nac. Pesquisas Amazonia, Caixa Postal 478, 69.000 - Manaus AM., Brazil] *Bonasa umbellus.*

GROUSE AND PTARMIGAN (CONTINUED)

84-001475 Moss, R. NATURAL SELECTION IN CAPERCAILLIE. *Inst. Terrestrial Ecol. Annu. Rep.* p. 80-81. 1982. WR 192
*Tetrao urogallus*.

84-001476 Myrberget, Svein. VACANT HABITATS DURING A DECLINE IN A BREEDING POPULATION OF WILLOW GROUSE *LAGOPUS LAGOPUS*. *Fauna Norv. Ser. C Cinclus* 6(1):1-7. 1983. In English with Norwegian summ. WR 192
[DVF Viltforskningen, Elgesetergt. 10, N-7000 Trondheim, Norway]

84-001477 Myrberget, Svein. DESERTION OF NESTS BY WILLOW GROUSE *LAGOPUS LAGOPUS*. *Fauna Norv. Ser. C Cinclus* 6(2):109-113. 1983. In English with Norwegian summ. WR 192
[DVF, Viltforskningen, Elgesetergt. 10, N-7000 Trondheim, Norway]

84-001478 Nietfeld, Marie T. and Fred C. Zwickel. CLASSIFICATION OF SEX IN YOUNG BLUE GROUSE. *J. Wildl. Manage.* 47(4):1147-1151. Oct. 1983. WR 192
[Dep. Anim. Sci., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9] *Dendragapus obscurus pallidus* in Canada.

84-001479 Pedersen, Hans Chr. and Reidar Andersen. PARENTAL BEHAVIOUR OF MALE WILLOW GROUSE *LAGOPUS LAGOPUS LAGOPUS*. *Fauna Norv. Ser. C Cinclus* 5(1):40-42. 1982. In English with Norwegian summ. WR 192
[Dep. Zool., Univ. Trondheim, N-7055 Dragvoll, Norway]

84-001480 Pedersen, Hans Chr.; Johan B. Steen and Reidar Andersen. SOCIAL ORGANIZATION AND TERRITORIAL BEHAVIOUR IN A WILLOW PTARMIGAN POPULATION. *Ornis Scand.* 14(4):263-272. Nov. 1983. WR 192
[Dep. Zool., Univ. Trondheim, N-7055 Dragvoll, Norway] *Lagopus lagopus lagopus* in Norway.

84-001481 Pimenov, V. N. [PRELIMINARY RESULTS OF AUTOMATIC MARKING OF THE WILLOW GROUSE IN SOUTHERN YAMAL.] *Ornitologiya* 18:102-105. 1983. In Russian with English summ. WR 192
*L. lagopus* in USSR.

84-001482 Rothery, P. PREDICTIVE MODELS OF POPULATION FLUCTUATIONS IN RED GROUSE. *Inst. Terrestrial Ecol. Annu. Rep.* p. 117-118. 1982. WR 192
*Lagopus scoticus*.

84-001483 Schulz, J. W. and E. L. Bakke. EVALUATION OF INTRODUCED RUFFED GROUSE IN WESTERN NORTH DAKOTA. *Prairie Nat.* 15(3):129-132. Sept. 1983. WR 192
[N.D. Game & Fish Dep., Lunde Bldg., Rugby 58368] *Bonasa umbellus*.

84-001484 Svedarsky, W. D. REPRODUCTIVE CHRONOLOGY OF GREATER PRAIRIE CHICKENS IN MINNESOTA AND RECOMMENDATIONS FOR CENSUSING AND NEST SEARCHING. *Prairie Nat.* 15(3):120-124. Sept. 1983. WR 192
[Northwest Agric. Exp. Stn. & Tech. Coll., Univ. Minn., Crookston 56716] *Tympanuchus cupido pinnatus*.

GROUSE AND PTARMIGAN (CONTINUED)

84-001485 Washington, Ted. CURRENT STATUS AND OUTLOOK FOR THE GREATER PRAIRIE CHICKEN IN NORTHEAST COLORADO. *C.F.O. (Colo. Field Ornithol.) J.* 17(3):8-12. 1983. WR 192
[Colo. Div. Wildl., 317 W. Prospect, Fort Collins 80526] *Tympanuchus cupido pinnatus.*

84-001486 Wilson, George R. THE PREVALENCE OF CAECAL THREADWORMS (*TRICHOSTRONGYLUS TENUIS*) IN RED GROUSE (*LAGOPUS LAGOPUS SCOTICUS*). *Oecologia (Berl.)* 58(2):265-268. May 1983. WR 192
[Dep. Home Affairs & Environ., P.O. Box 1252, Canberra City, ACT, Australia 2601]

BOBWHITE

84-001487 Case, Ronald M. ADAPTATIONS OF FEMALE BOBWHITES TO ENERGY DEMANDS OF THE REPRODUCTIVE CYCLE. *Proc. Natl. Bobwhite Quail Symp.* 2:74-78. Sept. 1982. WR 192
[Dep. For., Fish. & Wildl., Univ. Nebr., Lincoln 68583] *Colinus virginianus.*

84-001488 Davidson, William R.; Forest E. Kellogg and Gary L. Doster. AN OVERVIEW OF DISEASE AND PARASITISM IN SOUTHEASTERN BOBWHITE QUAIL. *Proc. Natl. Bobwhite Quail Symp.* 2:57-63. Sept. 1982. WR 192
[Southeast. Coop. Wildl. Dis. Study, Dep. Parasitol., Coll. Vet. Med., Univ. Ga., Athens 30602] *Colinus virginianus.*

84-001489 Davidson, William R.; Forest E. Kellogg and Gary L. Doster. AVIAN POX INFECTIONS IN SOUTHEASTERN BOBWHITES: HISTORICAL AND RECENT INFORMATION. *Proc. Natl. Bobwhite Quail Symp.* 2:64-68. Sept. 1982. WR 192
[Southeast. Coop. Wildl. Dis. Study, Dep. Parasitol., Coll. Vet. Med., Univ. Ga., Athens 30602] *Colinus virginianus.*

84-001490 Dimmick, Ralph W.; Forest E. Kellogg and Gary L. Doster. ESTIMATING BOBWHITE POPULATION SIZE BY DIRECT COUNTS AND THE LINCOLN INDEX. *Proc. Natl. Bobwhite Quail Symp.* 2:13-18. Sept. 1982. WR 192
[Dep. For. Wildl. & Fish., Univ. Tenn., Knoxville 37901] *Colinus virginianus* in Florida and Tennessee.

84-001491 Doster, Gary L.; Forest E. Kellogg; William R. Davidson and W. Mack Martin. HUNTER SUCCESS AND CRIPPLING LOSSES FOR BOBWHITE QUAIL. *Proc. Natl. Bobwhite Quail Symp.* 2:45-47. Sept. 1982. WR 192
[Southeast. Coop. Wildl. Dis. Study, Dep. Parasitol., Coll. Vet. Med., Univ. Ga., Athens 30602] *Colinus virginianus* in Florida.

84-001492 Dumke, Robert T. STATE AGENCY PROGRAMS FOR BOBWHITE QUAIL MANAGEMENT ON PRIVATE LANDS. *Proc Natl. Bobwhite Quail Symp.* 2:84-89. Sept. 1982. WR 192

BOBWHITE (CONTINUED)

84-001492 CONTINUED
[Dep. Nat. Resour., Madison, WI 53711] *Colinus virginianus* in the United States.

84-001493 Exum, Jay H.; Ralph W. Dimmick and Boyd L. Dearden. LAND USE AND BOBWHITE POPULATIONS IN AN AGRICULTURAL SYSTEM IN WEST TENNESSEE. *Proc. Natl. Bobwhite Quail Symp.* 2:6-12. Sept. 1982. WR 192
[Coop. Wildl. Res. Unit, Auburn Univ., Auburn, AL 36849] *Colinus virginianus*.

84-001494 Hurst, George A. and Randy C. Warren. HARVEST RATES AND EFFORTS OF AVID QUAIL HUNTERS IN EAST CENTRAL MISSISSIPPI. *Proc. Natl. Bobwhite Quail Symp.* 2:48-50. Sept. 1982. WR 192
[Dep. Wildl. & Fish., Miss. State Univ., Mississippi State 39762] *Colinus virginianus*.

84-001495 Kellogg, Forest E.; Gary L. Doster; William R. Davidson and W. Mack Martin. EFFICIENCY OF DOGS IN LOCATING BOBWHITES. *Proc. Natl. Bobwhite Quail Symp.* 2:31-34. Sept. 1982. WR 192
[Southeast. Coop. Wildl. Dis. Study, Dep. Parasitol., Coll. Vet. Med., Univ. Ga., Athens 30602] *Colinus virginianus* in Florida.

84-001496 Klimstra, William D. BOBWHITE QUAIL AND CHANGING LAND USE. *Proc. Natl. Bobwhite Quail Symp.* 2:1-5. Sept. 1982. WR 192
[Coop. Wildl. Res. Lab., Southern Ill. Univ., Carbondale 62901] *Colinus virginianus* in the United States.

84-001497 Roseberry, John L. SUSTAINED HARVEST OF BOBWHITE POPULATIONS. *Proc. Natl. Bobwhite Quail Symp.* 2:51-56. Sept. 1982. WR 192
[Coop. Wildl. Res. Lab., Southern Ill. Univ., Carbondale 62901] *Colinus virginianus*.

84-001498 Shields, Lorvel J. and B. S. Meuller. A RADIO TRANSMITTER FOR QUAIL. *Proc. Natl. Bobwhite Quail Symp.* 2:93. Sept. 1982. Abstract only. WR 192
[Tall Timbers Res. Stn., Tallahassee, FL 32312] *Colinus virginianus*.

84-001499 Smith, Gladys F.; Forest E. Kellogg; Gary L. Doster and Ernest E. Provost. A 10-YEAR STUDY OF BOBWHITE QUAIL MOVEMENT PATTERNS. *Proc. Natl. Bobwhite Quail Symp.* 2:35-44. Sept. 1982. WR 192
[190 Woodrow St., Athens, GA 30605] *Colinus virginianus* in Florida.

84-001500 Wells, Roger and Keith Sexson. EVALUATION OF BOBWHITE QUAIL SURVEYS IN KANSAS. *Proc. Natl. Bobwhite Quail Symp.* 2:19-30. Sept. 1982. WR 192
[Kans. Fish & Game Comm., 832 E. 6th, Emporia 66801] *Colinus virginianus*.

OTHER AMERICAN QUAIL

84-001501 Goldstein, David L. EFFECT OF WIND ON AVIAN METABOLIC RATE WITH PARTICULAR REFERENCE TO GAMBEL'S QUAIL. *Physiol. Zool.* 56(4):485-492. Oct. 1983. WR 192
[Dep. Biol., Univ. Calif., Los Angeles 90024] *Callipepla gambelii.*

COTURNIX

84-001502 Abalain, J. H.; Y. Amet; J. Y. Daniel and H. H. Floch. TESTOSTERONE STIMULATION OF DNA-DEPENDENT DNA POLYMERASE ACTIVITIES IN THE CLOACAL AND UROPYGIAL GLANDS OF THE MALE QUAIL (*COTURNIX COTURNIX JAPONICA*). *Gen. Comp. Endocrinol.* 52(1):164-171. Oct. 1983. WR 192
[Lab. Biochim., ERA CNRS No. 784, Fac. Med., Ave. Camille Desmoulins, 29200 Brest, France]

84-001503 Holladay, S. D. and F. W. Edens. NOREPINEPHRINE, DOPAMINE, AND SEROTONIN IN BRAIN PARTS OF FEMALE JAPANESE QUAIL (*COTURNIX COTURNIX JAPONICA*) AS FOUND BY TWO DISSIMILAR FLUOROMETRIC PROCEDURES. *Poult. Sci.* 62(11):2261-2264. Nov. 1983. WR 192
[Dep. Poultry Sci., N.C. State Univ., Raleigh 27650]

84-001504 Matsui, T.; S. Kuroda; M. Mizutani; Y. Kiuchi; K. Suzuki and T. Ono. GENERALIZED GLYCOGEN STORAGE DISEASE IN JAPANESE QUAIL (*COTURNIX COTURNIX JAPONICA*). *Vet. Pathol.* 20(3):312-321. May 1983. WR 192
[Dep. Exp. Anim., Tokyo Metropolitan Inst. Med. Sci., 3-18-22 Honkomagome, Bunkyo-ku, Tokyo 113, Japan]

84-001505 Nair, G.; G. K. Baggott and C. M. Dawes. THE EFFECTS OF A LOWERED AMBIENT TEMPERATURE ON OXYGEN CONSUMPTION AND LUNG VENTILATION IN THE PERINATAL QUAIL (*COTURNIX C. JAPONICA*). *Comp. Biochem. Physiol. A Comp. Physiol.* 76(2):271-277. 1983. WR 192
[Dep. Physiol., Royal Veterinary Coll., London NW1 0TU, England]

84-001506 Tikhonov, A. V.; A. M. Musaev and S. Yu. Fokin. [METHOD OF SEX DETERMINATION IN ONE-DAY YOUNGS OF THE JAPANESE QUAIL.] *Ornitologiya* 18:204-205. 1983. In Russian. WR 192
*C. coturnix japonica.*

RING-NECKED PHEASANT AND ALLIES

84-001507 Mitchell, Bob. NEW DIRECTION IN PHEASANT MANAGEMENT. *Pa. Game News* 54(11):44-46. Nov. 1983. WR 192
*Phasianus colchicus* in Pennsylvania.

84-001508 Whiteside, Richard W. and Fred S. Guthery. RING-NECKED PHEASANT MOVEMENTS, HOME RANGES, AND HABITAT USE IN WEST TEXAS. *J. Wildl. Manage.* 47(4):1097-1104. Oct. 1983. WR 192

RING-NECKED PHEASANT AND ALLIES (CONTINUED)

84-001508 CONTINUED
[Dep. Range & Wildl. Manage., Tex. Tech Univ., Lubbock 79409] *Phasianus colchicus*.

OTHER PHASIANIDAE

84-001509 Csermely, Davide; Danilo Mainardi and Silvio Spanò. ESCAPE-REACTION OF CAPTIVE YOUNG RED-LEGGED PARTRIDGES (*ALECTORIS RUFA*) REARED WITH OR WITHOUT VISUAL CONTACT WITH MAN. *Appl. Anim. Ethol.* 11(2):177-182. Nov. 1983. WR 192
[Ist. Zool., Univ. Parma, via Università 12, 43100 Parma, Italy]

84-001510 Lu Taichun and Liu Rusun. [BROWN EARED PHEASANT: STUDIES OF ITS ECOLOGY AND BIOLOGY.] *Acta Zool. Sin.* 29(3):278-290. 1983. In Chinese with English summ. WR 192
[Inst. Zool., Acad. Sinica, China] *Crossoptilon mantchuricum* in China.

84-001511 Mendel, Glen W. and Steven R. Peterson. MANAGEMENT IMPLICATIONS OF GRAY PARTRIDGE HABITAT USE ON THE PALOUSE PRAIRIE, IDAHO. *Wildl. Soc. Bull.* 11(4):348-356. 1983. WR 192
[3270 Lenville Rd., No. 5, Moscow, ID 83843] *Perdix perdix*.

84-001512 Nyenhuis, H. DIE EINWIRKUNG VON BODENNUTZUNGS- UND WITTERUNGSFAKTOREN AUF DIE SIEDLUNGSDICHTE DES REBHUHNS (*PERDIX PERDIX* L.). [THE EFFECT OF LAND-USE AND WEATHER FACTORS ON THE POPULATION DENSITY OF THE COMMON PARTRIDGE (*PERDIX PERDIX* L.).] *Z. Jagdwiss.* 29(3):176-183. Sept. 1983. In German with French and English summ. WR 192
[Fac. Biol./Chem., Univ. Osnabrück, Osnabrück, West Germany]

84-001513 Ratti, John T.; Loren M. Smith; Jerry W. Hupp and Jeffrey L. Laake. LINE TRANSECT ESTIMATES OF DENSITY AND THE WINTER MORTALITY OF GRAY PARTRIDGE. *J. Wildl. Manage.* 47(4):1088-1096. Oct. 1983. WR 192
[Wildl. Biol., Wash. State Univ., Pullman 99164] *Perdix perdix* in South Dakota.

84-001514 Vuckovic, M. THE RESULTS OF INVESTIGATIONS ON DISTRIBUTION OF *ALECTORIS GRAECA* MEISNER IN VARIOUS CONDITIONS IN MONTENEGRO. *Glas. Repub. Zavoda Zast. Prir. Prir. Muz. Titogradu* 12:141-146. 1979. From Ecol. Abstr. 1982/6:82L/8490. 1982. WR 192

84-001515 Woodward, Allen E.; Pran Vohra and Bryan Mayeda. BLOOD PARAMETERS OF ONE-YEAR-OLD AND SEVEN-YEAR OLD PARTRIDGES (*ALECTORIS CHUKAR*). *Poult. Sci.* 62(12):2492-2496. Dec. 1983. WR 192
[Dep. Avian Sci., Univ. Calif., Davis 95616]

84-001516 Zheng Shengwu and Liao Yanfa. [STUDIES ON HABITS, ACTIVITIES, FOOD AND REPRODUCTION OF THE BLUE-EARED PHEASANT.] *Acta Zool. Sin.* 29(1):71-85. 1983. In Chinese with English summ. WR 192

OTHER PHASIANIDAE (CONTINUED)

84-001516 CONTINUED
[Northwest Plateau Inst. Biol., Acad. Sinica, Xining, China] *Crossoptilon auritum* in China.

84-001517 Zorig, G. and A. Bold. [BREEDING BIOLOGY OF THE ALTAI SNOWCOCK.] *Ornitologiya* 18:109-111. 1983. In Russian with English summ. WR 192
*Tetraogallus altaicus* in USSR.

TURKEY

84-001518 Atkinson, Carter T.; Ellis C. Greiner and Donald J. Forrester. EXPERIMENTAL VECTORS OF *HAEMOPROTEUS MELEAGRIDIS* LEVINE FROM WILD TURKEYS IN FLORIDA. *J. Wildl. Dis.* 19(4):366-368. Oct. 1983. WR 192
[Coll. Vet. Med., IFAS, Univ. Fla., Gainesville 32611] *Meleagris gallopavo.*

OTHER GALLINACEOUS BIRDS

84-001519 Shiraishi, Kohji and Yasokazu Hirai. GENETIC VARIANTS OF LIVER AND PANCREAS MANNOSEPHOSPHATE ISOMERASE IN THE GUINEA FOWL. *Jpn. J. Genet.* 58(4):373-375. Aug. 1983. WR 192
[Res. Inst. Evol. Biol., Setagaya-ku, Tokyo 158, Japan] *Numida meleagris.*

84-001520 West, Jack; Madinah Hasan and Malik Hasan. ARTIFICIAL INCUBATION OF THE MOLUCCAN SCRUB HEN *EULIPOA WALLACEI*. *Int. Zoo Yearb.* 21:115-118. 1981. WR 192
[Ragunan Zool. & Bot. Gardens, Jakarta, Indonesia]

DOVES AND PIGEONS

84-001521 Baptista, Luis F.; William I. Boarman and Paraskevas Kandianidis. BEHAVIOR AND TAXONOMIC STATUS OF GRAYSON'S DOVE. *Auk* 100(4):907-919. Oct. 1983. WR 192
[Dep. Ornithol./Mammal., Calif. Acad. Sci., San Francisco 94118] *Zenaida graysoni.*

84-001522 Bell, Kevin J. BREEDING AND HAND-REARING THE NICOBAR PIGEON *CALOENAS NICOBARICA* AT THE LINCOLN PARK ZOOLOGICAL GARDENS. *Int. Zoo Yearb.* 21:217-219. 1981. WR 192
[Lincoln Park Zool. Gardens, 2200 N. Cannon Dr., Chicago, IL 60614]

84-001523 Berk, Mitchell L. and Judith A. Finkelstein. LONG DESCENDING PROJECTIONS OF THE HYPOTHALAMUS IN THE PIGEON, *COLUMBA LIVIA*. *J. Comp. Neurol.* 220(2):127-136. 20 Oct. 1983. WR 192
[Dep. Anat., Marshall Univ. School Med., Huntington, WV 25704]

DOVES AND PIGEONS (CONTINUED)

84-001524 Blockstein, David E. FEBRUARY NESTING OF MOURNING DOVES IN WISCONSIN. *Passenger Pigeon* 45(2):52-53. 1983. WR 192
[Bell Mus. Nat. Hist., Univ. Minn., 10 Church St., SE, Minneapolis 55455] *Zenaida macroura.*

84-001525 Borodin, S. V. [THE RING DOVE IN ULYANOVSK CITY.] *Ornitologiya* 18:164. 1983. In Russian. WR 192
*Columba palumbus* in Russia.

84-001526 Cherenkov, A. E. and S. E. Cherenkov. [THE LAUGHING DOVE IN MOSCOW.] *Ornitologiya* 18:185. 1983. In Russian. WR 192
*Streptopelia senegalensis* in USSR.

84-001527 Curtis, Paul D. AN ALBINISTIC BAND-TAILED PIGEON IN EVERGREEN, COLORADO. *West. Birds* 12(4):185. 1981. WR 192
[Wildl. Res. Cent., 317 W. Prospect, Fort Collins, CO 80526] *Columba fasciata.*

84-001528 Curtis, Paul D. and Clait E. Braun. RADIOTELEMETRY LOCATION OF NESTING BAND-TAILED PIGEONS IN COLORADO. *Wilson Bull.* 95(3):464-466. Sept. 1983. WR 192
[Dep. Fish. & Wildl. Biol., Colo. State Univ., Fort Collins 80523] *Columba fasciata.*

84-001529 Curtis, Paul D. and Clait E. Braun. RECOMMENDATIONS FOR ESTABLISHMENT AND PLACEMENT OF BAIT SITES FOR COUNTING BAND-TAILED PIGEONS. *Wildl. Soc. Bull.* 11(4):364-366. 1983. WR 192
[Dep. Zool., N.C. State Univ., Raleigh 27650] *Columba fasciata* in Colorado.

84-001530 Fischer, Wolfgang. TÜRKENTAUBENKATASTROPHEN IM WINTER 1978/79 AUS DEM TIERPARK BERLIN. [COLLARED DOVE CATASTROPHY DURING WINTER 1978/79 IN THE BERLIN ZOO.] *Falke* 28(3):96-98. Mar. 1981. In German. WR 192
*Streptopelia decaocto.*

84-001531 Gavrilov, E. I. [SYNCHRONISATION OF BREEDING CYCLES IN THE LAUGHING DOVE.] *Ornitologiya* 18:189-190. 1983. In Russian. WR 192
*Streptopelia senegalensis.*

84-001532 González del Barrio, P. and M. C. Martin Mateo. COMPARATIVE STUDY OF FERRITINS FROM DOVE *COLUMBA OENA* AND CHICKEN *GALLUS DOMESTICUS* LIVERS. *Comp. Biochem. Physiol. B Comp. Biochem.* 76(3):567-568. 1983. WR 192
[Dep. Biol., Fac. Cienc., Univ. Vallodolid, Vallodolid, Spain]

84-001533 Hongell, Harri and Lennart Saari. A MIXED PAIR OF COLLARED *STREPTOPELIA DECAOCTO* AND TURTLE DOVES *S. TURTUR* IN KOKKOLA, W FINLAND, IN 1978-79. *Ornis Fenn.* 60(2):61-62. 1983. In English with

DOVES AND PIGEONS (CONTINUED)

84-001533 CONTINUED Finnish summ. WR 192
[Raahenkatu 46, SF-67200 Kokkola 20, Finland]

84-001534 Janik, D. S. and J. D. Buntin. COMPARATIVE EFFECTS OF PROLACTIN ON INCUBATION BEHAVIOR AND TARGET ORGAN GROWTH IN RING DOVES. *Am. Zool.* 23(4):909. 1983. Abstract only. WR 192
[Univ. Wis., Milwaukee] *Streptopelia risoria.*

84-001535 Morel, Marie-Yvonne. LA MUE DE *STREPTOPELIA ROSEOGRISEA* DANS UNE RÉGION TROPICALE SEMI-ARIDE (NORD SÉNÉGAL). [MOULT OF *STREPTOPELIA ROSEOGRISEA* IN A SEMI-ARID TROPICAL REGION (NORTHERN SENEGAL).] *Alauda* 51(4):259-270. 1983. In French with English summ. WR 192
[ORSTOM, B.P. 20, Richard-Toll, Sénégal]

84-001536 Pérez Rivera, Raúl A. REPRODUCCION DE COLUMBIFORMES SILVESTRES EN CAUTIVERIO: ALGUNOS PROBLEMAS Y SOLUCIONES. [REPRODUCTION OF WILD COLUMBIFORMES IN CAPTIVITY: SOME PROBLEMS AND SOLUTIONS.] *Septimo Simp. Dep. Rec. Nat.* p. 78-86. 1981. In Spanish. WR 192
[Biol. Dep., Colegio Univ. Humacao, Humacao, PR 00661]

84-001537 Purdy, Paul Chester. AGRICULTURAL, INDUSTRIAL AND URBAN DEVELOPMENT IN RELATION TO THE EASTERN WHITE-WINGED DOVE. *M.S. thesis Colo. State Univ.* xiii + 120p. 1983. In English with Spanish summ. WR 192
[1921 W. Lake St., Fort Collins, CO 80521] *Zenaida asiatica asiatica* in Texas and Mexico.

84-001538 Rissman, Emilie F. DETECTION OF CUCKOLDRY IN RING DOVES. *Anim. Behav.* 31(2):449-456. May 1983. WR 192
[Dep. Psychol., Cornell Univ., Ithaca, NY 14853] *Streptopelia risoria.*

84-001539 Savin, Yu. G.; E. I. Gavrilov and A. P. Gistsov. [DELAY OF MOULT IN THE EASTERN RUFOUS DOVE DURING AUTUMN MIGRATION IN WEST TIEN SHAN.] *Ornitologiya* 18:201-204. 1983. In Russian. WR 192
*Streptopelia orientalis.*

84-001540 Simpson, Sharon F. THE FLIGHT MECHANISM OF THE PIGEON *COLUMBA LIVIA* DURING TAKE-OFF. *J. Zool. (Lond.)* 200(3):435-443. July 1983. WR 192
[Dep. Anat., Univ. Ill. Med. Cent., Chicago]

WATERBIRDS

84-001541 Berruti, A. THE BIOMASS, ENERGY CONSUMPTION AND BREEDING OF WATERBIRDS RELATIVE TO HYDROLOGICAL CONDITIONS AT LAKE ST. LUCIA. *Ostrich* 54(2):65-82. June 1983. WR 192
[FitzPatrick Inst., Univ. Cape Town, Rondebosch, South Africa 7700]

WATERBIRDS (CONTINUED)

84-001542 Duffy, David Cameron. THE FORAGING ECOLOGY OF PERUVIAN SEABIRDS. *Auk* 100(4):800-810. Oct. 1983. WR 192
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

84-001543 Ellis, H. I.; T. N. Pettit and G. C. Whittow. FIELD METABOLIC RATES AND WATER TURNOVER IN TWO HAWAIIAN SEABIRDS. *Am. Zool.* 23(4):980. 1983. Abstract only. WR 192
[Univ. San Diego, San Diego, CA] *Anous stolidus* and *Puffinus pacificus*.

84-001544 Guriev, V. N. [COUNT OF WATERFOWL ON SELGON RIVER IN KHABAROVSK REGION.] *Ornitologiya* 18:193-194. 1983. In Russian. WR 192

84-001545 Hatch, Scott A. and Martha A. Hatch. POPULATIONS AND HABITAT USE OF MARINE BIRDS IN THE SEMIDI ISLANDS, ALASKA. *Murrelet* 64(2):39-46. 1983. WR 192
[U.S. Fish & Wildl. Serv., 1011 E. Tudor Rd., Anchorage, AK 99503]

84-001546 Mehl, Reidar and Terje Traavik. THE TICK *IXODES URIAE* (ACARI, IXODIDES) IN SEABIRD COLONIES IN NORWAY. *Fauna Norv. Ser. B* 30(2):94-107. 1983. WR 192
[Lab. Med. Entomol., Natl. Inst. Public Health, Postuttak, N-Oslo 1, Norway] *Fratercula arctica*, *Uria aalge*, *Rissa tridactyla*, *Cepphus grylle*, and *Phalacrocorax aristotelis*.

84-001547 Reichholf, Josef. EXTREME WASSERVOGEL-ARMUT AM RIO NEGRO, AMAZONIEN. [EXTREME SCARCITY OF WATER BIRDS ON THE RIO NEGRO, AMAZONIA.] *Verh. Ornithol. Ges. Bayern* 23(5/6):525-528. Oct. 1983. In German with English summ. WR 192
[Zool. Staatssammlung, Maria-Ward-Str. 1b, D-8000 Munich 19, West Germany]

84-001548 Toft, Geir Olav. CHANGES IN THE BREEDING SEABIRD POPULATION IN ROGALAND, SW NORWAY, DURING 1949-1979. *Fauna Norv. Ser. C Cinclus* 6(1):8-13. 1983. In English with Norwegian summ. WR 192
[Dep. Anim. Ecol., Zool. Mus., Univ. Bergen, N-5000 Bergen, Norway]

WATERFOWL--GENERAL

84-001549 Alexander, D. J.; V. S. Hinshaw; M. S. Collins and N. Yamane. CHARACTERIZATION OF VIRUSES WHICH REPRESENT FURTHER DISTINCT SEROTYPES (PMV-8 AND PMV-9) OF AVIAN PARAMYXOVIRUSES. *Arch. Virol.* 78(1-2):29-36. 1983. WR 192
[Poultry Dep., Cent. Vet. Lab., New Haw, Weybridge, Surrey KT15 3NB, England] *Branta canadensis* and *Anas acuta*.

84-001550 Boyd, H. and F. G. Cooch. DUCK NUMBERS AND DUCK HUNTING IN SOUTHERN ALBERTA, 1975-82, AND THEIR IMPLICATIONS FOR WATERFOWL MANAGEMENT. *Can. Wildl. Serv. Prog. Notes* No. 140. 24p. Nov. 1983. WR 192
[Canadian Wildl. Serv., Ottawa, Ontario, Canada K1A 0E7]

WATERFOWL--GENERAL (CONTINUED)

84-001551 Clark, Ted L. WATERFOWL MANAGEMENT PLANS: VIEWS OF THE INTERNATIONAL ASSOCIATION OF FISH AND WILDLIFE AGENCIES. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:289-291. 1983. WR 192
[Tex. Parks & Wildl. Dep., Austin]

84-001552 Hillgarth, Nigella; Janet Kear and Katherine Horky. MORTALITY OF THE NORTHERN GEESE IN CAPTIVITY. *Wildfowl* 34:153-162. 1983. WR 192
[Wildfowl Trust, Martin Mere, Burscough, Lancashire, England]

84-001553 Humburg, Dale D.; David Graber; Steve Sheriff and Terry Miller. ESTIMATING AUTUMN-SPRING WATERFOWL NONHUNTING MORTALITY IN NORTH MISSOURI. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:241-256. 1983. WR 192
[Dep. Conserv., Columbia, MO]

84-001554 Jantzen, Robert A. WATERFOWL MANAGEMENT PLANS: A UNITED STATES PERSPECTIVE AND IMPLEMENTATION PLANS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:279-282. 1983. WR 192
[U.S. Fish & Wildl. Serv., Washington, DC 20240]

84-001555 Kožená, Ivana. MEZINÁRODNÍ SČÍTÁNÍ VODNÍCH PTÁKŮ 1980/81 NA ÚZEMÍ ČSR. [INTERNATIONAL WATERFOWL CENSUS 1980/81 IN THE TERRITORY OF THE ČSR.] *Vertebr. Zprávy* 1982:91-99. 1982. In Czech with English summ. WR 192

84-001556 Kreil, Karen and Randy Kreil. WATERFOWL USE OF MAN-MADE AQUATIC HABITATS. *N.D. Outdoors* 46(5):10-15. Nov. 1983. WR 192
[Dep. Biol., Univ. N.D., Grand Forks]

84-001557 MacLennan, Ross. PROVINCIAL VIEW OF WATERFOWL MANAGEMENT PLANS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:287-288. 1983. WR 192
[Dep. Tourism & Renewable Resour., Regina, Saskatchewan, Canada]

84-001558 Maertens, Gerald. WATERFOWL HARVEST AND HUNTER USE REPORT, THIEF LAKE WILDLIFE MANAGEMENT AREA, 1977. *Minn. Wildl. Res. Q.* 39(2):61-85. 1979. WR 192
[Minn. Dep. Nat. Resour., Thief Lake Wildl. Manage. Area, Thief Lake]

84-001559 McKinney, Frank; Scott R. Derrickson and Pierre Mineau. FORCED COPULATION IN WATERFOWL. *Behaviour* 86(3-4):250-294. 1983. In English with German summ. WR 192
[Bell Mus. Nat. Hist., Univ. Minn., Minneapolis] Data for 16 spp.

84-001560 Myers, Terry Leland. ECOLOGY OF NESTING WATERFOWL ON ANDERSON MESA, IN NORTH CENTRAL ARIZONA. *M.S. thesis, Univ. Ariz.* 88p. 1982. From Masters Abstr. 21(1):3-4. Mar. 1983. WR 192
Data for 12 spp.

84-001561 Newsom, John D. RESPONSE TO CANADIAN AND UNITED STATES DISCUSSION OF WATERFOWL MANAGEMENT PLANS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:294-295. 1983. WR 192
[Dep. Wildl. & Fish., Baton Rouge, LA]

WATERFOWL--GENERAL (CONTINUED)

84-001562 Oates, David W.; Jim E. Seeb; Lisa N. Wishard and Paul Abersold. BIOCHEMICAL IDENTIFICATION OF NORTH AMERICAN WATERFOWL. *Nebr. Game Parks Comm. Tech. Ser.* No. 13. 68p. 1983. WR 192
Data for 45 taxa.

84-001563 Salmon, D. G. NUMBERS OF SWANS AND DUCKS IN BRITAIN, 1981-1982. *Wildfowl* 34:171. 1983. WR 192

84-001564 Tétreault, B. WATERFOWL MANAGEMENT PLANS: A CANADIAN PERSPECTIVE AND IMPLEMENTATION PLANS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:283-286. 1983. WR 192
[Canadian Wildl. Serv., Ottawa, Ontario, Canada]

84-001565 U.S. Fish and Wildlife Service. FEASIBILITY OF USING GEOTHERMAL EFFLUENTS FOR WATERFOWL WETLANDS. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 81/44. xii + 220p. Sept. 1981. From Monthly Catalog of U.S. Government Publications 83-20879. Oct. 1983. WR 192

84-001566 Whitesell, Dale E. NEW DIMENSIONS IN DUCKS UNLIMITED'S WATERFOWL PROGRAMS. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:273-278. 1983. WR 192
[Ducks Unlimited, Inc., Chicago, IL]

DUCKS

84-001567 Adolph, Jürgen. BEGEGNUNG MIT BRANDGÄNSEN. [ENCOUNTER WITH SHELDUCKS.] *Falke* 28(10):336-337. Oct. 1981. In German. WR 192
*Tadorna tadorna.*

84-001568 Afton, Alan D. MALE AND FEMALE STRATEGIES FOR REPRODUCTION IN LESSER SCAUP. *Ph.D. dissertation, Univ. N.D. (Grand Forks)* 151p. Dec. 1983. WR 192
*Aythya affinis* in Canada.

84-001569 Amat, Juan A. PURSUIT FLIGHTS OF MALLARD AND GADWALL UNDER DIFFERENT ENVIRONMENTAL CONDITIONS. *Wildfowl* 34:14-19. 1983. WR 192
[Unidad Ecol. & Etol., Estac. Biol. Doñana, Seville-12, Spain] *Anas platyrhynchos* and *Anas strepera* in Spain.

84-001570 Below, Theodore H. THE COMMON EIDER IN FLORIDA. *Fla. Field Nat.* 11(3):51-53. Aug. 1983. WR 192
[3697 North Rd., Naples, FL 33942] *Somateria mollissima.*

84-001571 Bentz, Per-Göran. LEAD PELLETS IN MID-WINTER MALLARDS *ANAS PLATYRHYNCHOS* IN OSLO. *Fauna Norv. Ser. C Cinclus* 6(1):47-51. 1983. In English with Norwegian summ. WR 192
[Zool. Mus., Sars gt. 1, N-Oslo 5, Norway]

DUCKS (CONTINUED)

84-001572 Bluhm, C. K.; R. E. Phillips and W. H. Burke. SERUM LEVELS OF LUTEINIZING HORMONE (LH), PROLACTIN, ESTRADIOL, AND PROGESTERONE IN LAYING AND NONLAYING CANVASBACK DUCKS (*AYTHYA VALISINERIA*). *Gen. Comp. Endocrinol.* 52(1):1-16. Oct. 1983. WR 192
[Inst. Reprod. Biol., Dep. Zool., Univ. Tex., Austin 78712]

84-001573 Bourne, W. R. P.; A. C. F. David and C. Jouanin. PROBABLE GARGANEY ON ST. PAUL AND AMSTERDAM ISLANDS, INDIAN OCEAN. *Wildfowl* 34:127-129. 1983. WR 192
[Dep. Zool., Aberdeen Univ., Tillydrone Ave., Aberdeen, AB9 2TN, Scotland] *Anas querquedula*.

84-001574 Boyd, Hugh. INTENSIVE REGULATION OF DUCK HUNTING IN NORTH AMERICA: ITS PURPOSE AND ACHIEVEMENTS. *Can. Wildl. Serv. Occas. Pap.* No. 50. 24p. 1983. WR 192
[Canadian Wildl. Serv., Ottawa, Ontario, Canada K1A 0E7]

84-001575 Brandl, Roland and Klaus Schmidtke. INVASION BY THE TUFTED DUCK *AYTHYA FULIGULA* INTO A POND AREA: IMPLICATIONS OF DIFFUSE COMPETITION. *Oecologia (Berl.)* 59(2-3):397-401. Sept. 1983. WR 192
[Lehrstuhl Tierökol., Univ. Bayreuth, Birkengut, D-8580 Bayreuth, West Germany]

84-001576 Brenner, Fred J.; Paul D. Ellington and Robert McDonald. RELATION BETWEEN HARVEST AND REPRODUCTION IN WATERFOWL. *Proc. Pa. Acad. Sci.* 57(1):113. 1983. Abstract only. WR 192
[Biol. Dep., Grove City, PA 16127] *Anas platyrhynchos* and *Aix sponsa* in Pennsylvania.

84-001577 Brown, Patrick W. and Leigh H. Fredrickson. GROWTH AND MOULT PROGRESSION OF WHITE-WINGED SCOTER DUCKLINGS. *Wildfowl* 34:115-119. 1983. WR 192
[Coll. For. Resour., 240 Nutting Hall, Univ. Maine, Orono 04469] *Melanitta fusca deglandi* in Canada.

84-001578 Bruzual, José and Iris Bruzual. FEEDING HABITS OF WHISTLING DUCKS IN THE CALABOZO RICEFIELDS, VENEZUELA, DURING THE NON-REPRODUCTIVE PERIOD. *Wildfowl* 34:20-26. 1983. WR 192
[Univ. Oriente, Núcleo Managas, Inst. Invest. Agropecuarias, Jusepín-Monagas 6204, Venezuela] *Dendrocygna viduata*, *D. bicolor bicolor* and *D. autumnalis discolor* in Venezuela.

84-001579 Burger, Joanna. JAMAICA BAY STUDIES IV. FACTORS AFFECTING DISTRIBUTION OF GREATER SCAUP *AYTHYA MARILA* IN A COASTAL ESTUARY IN NEW YORK, USA. *Ornis Scand.* 14(4):309-316. Nov. 1983. WR 192
[Dep. Biol., Rutgers Univ., New Brunswick, NJ 08903]

84-001580 Campbell, L. H. and H. Milne. MOULTING EIDERS IN EASTERN SCOTLAND. *Wildfowl* 34:105-107. 1983. WR 192
[RSPB, The Lodge, Sandy, Bedfordshire SG19 2DL, England] *Somateria mollissima*.

DUCKS (CONTINUED)

84-001581 Cowardin, Lewis M.; Douglas H. Johnson; Anthony M. Frank and Albert T. Klett. SIMULATING RESULTS OF MANAGEMENT ACTIONS ON MALLARD PRODUCTION. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:257-272. 1983. WR 192
[U.S. Fish & Wildl. Serv., Northern Prairie Wildl. Res. Cent., Jamestown, ND] *Anas platyrhynchos*.

84-001582 Cupper, Lindsay. A BREEDING RECORD AND NOTES ON OTHER SIGHT RECORDS OF THE PLUMED WHISTLING-DUCK IN THE FAR NORTH-EAST OF SOUTH AUSTRALIA. *S. Aust. Ornithol.* 29(3):64. Sept. 1983. WR 192
[P.O. Box 348, Merbein, Victoria 3505, Australia] *Dendrocygna eytoni*.

84-001583 Eriksson, Mats O. G. THE RÔLE OF FISH IN THE SELECTION OF LAKES BY NONPISCIVOROUS DUCKS: MALLARD, TEAL AND GOLDENEYE. *Wildfowl* 34:27-32. 1983. WR 192
[Dep. Zool., Univ. Göteborg, P.O. Box 25059, S-400 31, Göteborg, Sweden] *Anas platyrhynchos*, *A. crecca* and *Bucephala clangula* in Sweden.

84-001584 Finley, J.; D. Ireton; W. M. Schleidt and T. A. Thompson. A NEW LOOK AT THE FEATURES OF MALLARD COURTSHIP DISPLAYS. *Anim. Behav.* 31(2):348-354. May 1983. WR 192
[Dep. Zool., Univ. Md., College Park 20742] *Anas platyrhynchos*.

84-001585 Flint, V. E.; A. A. Kistchinski and V. G. Bagenko. [FIRST RECORDS OF CLUTCHES IN THE HARLEQUIN IN THE USSR.] *Ornitologiya* 18:183-184. 1983. In Russian. WR 192
*H. histrionicus* in USSR.

84-001586 Frank, Suzanne; Sheryl Gilbert and Paul Tomassoni. REARING RUDDY DUCKS *OXYURA JAMAICENSIS* AT THE NATIONAL ZOOLOGICAL PARK, WASHINGTON, D.C. *Int. Zoo Yearb.* 21:97-101. 1981. WR 192
[Dep. Ornithol., Natl. Zool. Park, Washington, DC 20008]

84-001587 Fredga, Sven and Hilary Dow. VINTERUTBREDNING AV ETT LOKALT BESTÅND AV KNIPA *BUCEPHALA CLANGULA* HÄCKANDE I VÄRMLAND. [OVER-WINTERING DISTRIBUTION OF A LOCAL POPULATION OF GOLDENEYES, *BUCEPHALA CLANGULA*, BREEDING IN VÄRMLAND, SWEDEN.] *Vår Fågelvärld* 42(6):407-412. 1983. In Swedish with English summ. WR 192
[Svenska Jägareförbundet, Box 26091, 100 41 Stockholm, Sweden]

84-001588 Fregda, Sven and Hilary Dow. ANNUAL VARIATION IN THE REPRODUCTIVE PERFORMANCE OF GOLDENEYES. *Wildfowl* 34:120-126. 1983. WR 192
[Svenska Jagareforbundet, Ostermalmsgatan 38, Stockholm S100-41, Sweden] *Bucephala clangula* in Sweden.

84-001589 Gatti, Ronald C. SPRING AND SUMMER AGE SEPARATION TECHNIQUES FOR THE MALLARD. *J. Wildl. Manage.* 47(4):1054-1062. Oct. 1983. WR 192
[Dep. Nat. Resour., 3911 Fish Hatchery Rd., Madison, WI 53711] *Anas platyrhynchos*.

DUCKS (CONTINUED)

84-001590 Green, Ruth C. LATE WOOD DUCK BROODS. *Nebr. Bird Rev.* 51(3):82. Sept. 1983. WR 192
[506 W. 31st. Ave., Bellevue, NE 68005] *Aix sponsa.*

84-001591 Hauri, Rolf. ZUM VORKOMMEN DES GÄNSESÄGERS *MERGUS MERGANSER* AN BERGFLÜSSEN DES BERNER OBERLANDES. [ON THE OCCURRENCE OF THE COMMON MERGANSER *MERGUS MERGANSER* ON MOUNTAIN STREAMS OF BERN UPLANDS.] *Ornithol. Beob.* 80(3):208-210. Sept. 1983. In German. WR 192

84-001592 Heidel, Kathy. BUFFLEHEAD AND DUCKLINGS FOUND IN CARVER PARK RESERVE. *Loon* 55(3):123-124. 1983. WR 192
[Hennepin County Park Reserve District, 7025 County Rd. 11, Excelsior, MN 55331] *Bucephala albeola* in Minnesota.

84-001593 Herms, Klaus. EIDERENTEN AUF DER ELBE. [EIDER ON THE ELBE RIVER.] *Falke* 28(2):66. Feb. 1981. In German. WR 192
*Somateria mollissima* in East Germany.

84-001594 Hines, James E. and George J. Mitchell. GADWALL NEST-SITE SELECTION AND NESTING SUCCESS. *J. Wildl. Manage.* 47(4):1063-1071. Oct. 1983. WR 192
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9] *Anas strepera* in Canada.

84-001595 Jorde, Dennis G.; Gary L. Krapu and Richard D. Crawford. FEEDING ECOLOGY OF MALLARDS WINTERING IN NEBRASKA. *J. Wildl. Manage.* 47(4):1044-1053. Oct. 1983. WR 192
[Coll. For. Resour., 240 Nutting Hall, Univ. Maine, Orono 04469] *Anas platyrhynchos.*

84-001596 Koryakin, A. S. and S. P. Artomonov. [METHODS OF CAPTURE OF BROODS OF THE EIDER.] *Ornitologiya* 18:197. 1983. In Russian. WR 192
*Somateria mollissima.*

84-001597 Lendrem, Dennis William. SLEEPING AND VIGILANCE IN BIRDS. I. FIELD OBSERVATIONS OF THE MALLARD (*ANAS PLATYRHYNCHOS*). *Anim. Behav.* 31(2):532-538. May 1983. WR 192
[Anim. Behav. Res. Group, Dep. Zool., South Parks Rd., Oxford, OX1 3PS, England]

84-001598 Mistchenko, A. L. and O. V. Sukhanova. [NESTING OF THE GOLDENEYE IN MOSCOW REGION.] *Ornitologiya* 18:170. 1983. In Russian. WR 192
*B. bucephala* in USSR.

84-001599 Moskalev, V. A. [NESTING OF THE SMEW IN LENINGRAD REGION.] *Ornitologiya* 18:170. 1983. In Russian. WR 192
*Mergus albellus* in USSR.

DUCKS (CONTINUED)

84-001600 Nelson, Colleen Helgeson. EYE-COLOR CHANGES IN BARROW'S GOLDENEYE AND COMMON GOLDENEYE DUCKLINGS. *Wilson Bull.* 95(3):482-488. Sept. 1983. WR 192
[Manitoba Mus. Man & Nat., 190 Rupert Ave., Winnipeg, Manitoba, Canada R3B 0N2] *Bucephala islandica* and *B. clangula americana* in Canada.

84-001601 Nichols, James D.; Kenneth J. Reinecke and James E. Hines. FACTORS AFFECTING THE DISTRIBUTION OF MALLARDS WINTERING IN THE MISSISSIPPI ALLUVIAL VALLEY. *Auk* 100(4):932-946. Oct. 1983. WR 192
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708] *Anas platyrhynchos.*

84-001602 Nilsson, Leif. SEPTEMBER AND JANUARY COUNTS AS A MEASURE OF CHANGES IN SOUTH SWEDISH MALLARD POPULATIONS. *Wildfowl* 34:89-98. 1983. WR 192
[Dep. Zool., Ecol. Bldg., Univ. Lund, S-223 62 Lund, Sweden] *Anas platyrhynchos.*

84-001603 Oliver, P. J. WINTER WILDFOWL COUNTS IN THE LONDON AREA--1947/48 TO 1981/82. *Lond. Bird Rep.* No. 47. p. 97-105. Sept. 1983. WR 192
[1 Albany Ct., Palmer St., London SW1, England]

84-001604 Pöysä, Hannu. MORPHOLOGY-MEDIATED NICHE ORGANIZATION IN A GUILD OF DABBLING DUCKS. *Ornis Scand.* 14(4):317-326. Nov. 1983. WR 192
[Dep. Biol., Univ. Joensuu, P.O. Box 111, SF-80101 Joensuu 10, Finland] Data for 6 spp.

84-001605 Patti, Sebastian T. BARROW'S GOLDENEYES IN CIMARRON COUNTY, OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 16(4):29-30. Dec. 1983. WR 192
[6528 Wenonga Terrace, Shawnee Mission, KS 66208] *Bucephala islandica.*

84-001606 Paulus, Stuart L. DOMINANCE RELATIONS, RESOURCE USE, AND PAIRING CHRONOLOGY OF GADWALLS IN WINTER. *Auk* 100(4):947-952. Oct. 1983. WR 192
[Dep. Zool.-Entomol., Auburn Univ., Auburn, AL 36849] *Anas strepera* in Louisiana.

84-001607 Perdeck, A. C. and C. Clason. SEXUAL DIFFERENCES IN MIGRATION AND WINTER QUARTERS OF DUCKS RINGED IN THE NETHERLANDS. *Wildfowl* 34:137-143. 1983. WR 192
[Inst. Oecol. Onderzoek, Boterhoekestr. 22, 6666 GA Heteren, Netherlands] *Anas* spp.

84-001608 Seguin, Anne Christine. PACIFIC EIDER BREEDING BIOLOGY AND HABITAT USE ON THE SEWARD PENINSULA, ALASKA. *M.S. thesis, Univ. Alaska* 143p. 1981. From Masters Abstr. 21(1):115. Mar. 1983. WR 192
*Somateria mollissima.*

DUCKS (CONTINUED)

84-001609 Sousa, Patrick J. and Adrian H. Farmer. HABITAT SUITABILITY INDEX MODELS: WOOD DUCK. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 82/10.43. vi + 27p. July 1983. WR 192
[WELUT, U.S. Fish & Wildl. Serv., Drake Creekside Bldg. One, 2627 Redwing Rd., Fort Collins, CO 80526-2899] *Aix sponsa*.

84-001610 Stallcup, Rich. FEMALE DUCKS (INCLUDING IMMATURE AND ECLIPSED MALES). *Point Reyes Bird Observatory Newsl.* 63:6-7. 1983. WR 192
*Aythya marila, Bucephala clangula, B. islandica, Mergus merganser,* and *M. serrator*.

84-001611 Stolen, Paul and Frank McKinney. BIGAMOUS BEHAVIOUR OF CAPTIVE CAPE TEAL. *Wildfowl* 34:10-13. 1983. WR 192
[Dep. Nat. Resour. & Conserv., 32 South Ewing, Helena, MT 59620] *Anas capensis*.

84-001612 Tenovuo, Olli and Rauno Tenovuo. A HYBRID OF AN EIDER *SOMATERIA MOLLISSIMA* AND A MERGANSER SPECIES (*MERGUS* SP.) FOUND IN FINLAND. *Ornis Fenn.* 60(2):63-64. 1983. In English with Finnish summ. WR 192
[Univ. Turku, SF-20500 Turku 50, Finland]

84-001613 Thompson, A. B. INTERACTIONS BETWEEN THE COMMON EIDER, THE SHORE CRAB AND THE ACANTHOCEPHALAN *PROFILICOLLIS BOTULUS*. *Parasitology* 87(2):xlvii. Oct. 1983. Abstract only. WR 192
[Dep. Zool., Univ. Aberdeen, Aberdeen, Scotland] *Somateria mollissima* in Scotland.

84-001614 Thompson, Max C.; Wallace Champeny and Jay Newton. RECORDS OF THE GARGANEY IN KANSAS. *Kans. Ornithol. Soc. Bull.* 34(4):29-30. Dec. 1983. WR 192
[Dep. Biol., Southwestern Coll., 100 College St., Winfield, KS 67156] *Anas querquedula*.

84-001615 Tyler, Jack D. FULVOUS WHISTLING-DUCK IN COMANCHE COUNTY, OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 16(4):25-26. Dec. 1983. WR 192
[Dep. Biol. Sci., Cameron Univ., Lawton, OK 73505] *Dendrocygna bicolor*.

84-001616 Van Impe, J. RUITREK EN SLAGPENRUI BIJ DE TAFELEEND (*AYTHYA FERINA*), IN DE STREEK VAN ANTWERPEN. [THE MOULT MIGRATION OF THE POCHARD (*AYTHYA FERINA*) IN THE ANTWERP AREA.] *Gerfaut* 68:693-698. 1978. In Dutch with French and English summ. WR 192
[Inst. Hyg. & Epidemiol., Dep. Milieu, rue Juliette Wytsman 14, B-1050 Brussels, Belgium]

84-001617 van Tongeren, H. A. E. VIRAEMIA AND ANTIBODY RESPONSE OF THE MALLARD (*ANAS PLATYRHYNCHOS*) TO INFECTION WITH TICK-BORNE ENCEPHALITIS VIRUS. *J. Comp. Pathol.* 93(4):521-530. Oct. 1983. WR 192
[Fac. Med., Free Univ., P.O. Box 7161, 1007 MC Amsterdam, Netherlands]

DUCKS (CONTINUED)

84-001618 Venables, L. S. V. and U. M. Venables. RUDDY DUCK (*OXYURA JAMAICENSIS*) IN ANGLESEY. *Nat. Wales New Ser.* 1(2):84. 1982. WR 192

84-001619 Vermeer, Kees. DIET OF THE HARLEQUIN DUCK IN THE STRAIT OF GEORGIA, BRITISH COLUMBIA. *Murrelet* 64(2):54-57. 1983. WR 192
[Canadian Wildl. Serv., P.O. Box 340, Delta, British Columbia, Canada V4K 3Y3] *H. histrionicus* in Canada.

84-001620 Wilson, J. X. AVIAN CARDIOVASCULAR RESPONSES TO ANGIOTENSIN AND VASOTOCIN. *Am. Zool.* 23(4):1011. 1983. Abstract only. WR 192
[Univ. Saskatchewan, Saskatoon, Saskatchewan, Canada] *Anas platyrhynchos.*

84-001621 Wrånes, Eldar. SEASONAL FLUCTUATIONS AND MOVEMENTS OF THE COMMON EIDER *SOMATERIA MOLLISSIMA* (L.) AT THE NORWEGIAN SKAGERAK COAST. *Fauna Norv. Ser. C Cinclus* 5(2):49-52. 1982. In English with Norwegian summ. WR 192
[Kristiansand laererhøgskole, N-4600 Kristiansand S., Norway]

SWANS AND GEESE

84-001622 Aldrich, Jontie W. and Wayne N. Bronner. USE OF CLEARCUT ISLANDS BY NESTING GIANT CANADA GEESE. *Trans. Canada Goose Symp.* p. 47. 28-29 Apr. 1982. Abstract only. WR 192
[Rt. 3, Box 13, Coweta, OK 74429] *Branta canadensis maxima* in Michigan.

84-001623 Badgerow, J. P. BEHAVIORAL RESPONSE TO REWARD VARIABILITY IN THE FORMATION FLIGHT OF CANADA GEESE, *BRANTA CANADENSIS*. *Am. Zool.* 23(4):929. 1983. Abstract only. WR 192
[Syracuse Univ., Syracuse, NY]

84-001624 Bishop, Richard; James Hansen; Kenneth Babcock; Dale Humburg and David Graber. ATTEMPTS TO ESTABLISH MIGRATORY TRADITIONS IN GIANT CANADA GEESE. *Trans. Canada Goose Symp.* p. 26. 28-29 Apr. 1982. Abstract only. WR 192
[Iowa Conserv. Comm., Clear Lake 50428] *Branta canadensis* in Iowa and Missouri.

84-001625 Burger, Joanna; Richard Trout; Wade Wander and Glen Ritter. JAMAICA BAY STUDIES: IV. ABIOTIC FACTORS AFFECTING ABUNDANCE OF BRANT AND CANADA GEESE ON AN EAST COAST ESTUARY. *Wilson Bull.* 95(3):384-403. Sept. 1983. WR 192
[Dep. Biol. Sci., Rutgers Univ., New Brunswick, NJ 08903] *Branta bernicla* and *B. canadensis* in New York.

84-001626 Coleman, Steve; David Brinker and Richard Hunt. RESOURCE UTILIZATION AND MANAGEMENT PROBLEMS ASSOCIATED WITH AN URBAN POPULATION OF GIANT CANADA GEESE IN GREEN BAY, WISCONSIN. *Trans. Canada Goose Symp.* p. 50. 28-29 Apr. 1982. Abstract only. WR 192
[Sanctuary Rd., Green Bay, WI 54032] *Branta canadensis maxima.*

SWANS AND GEESE (CONTINUED)

84-001627 Converse, Kathryn and James Kennelly. MANAGEMENT PROBLEMS ASSOCIATED WITH EXISTING RESTORATION FLOCKS ON THE EAST COAST. *Trans. Canada Goose Symp.* p. 54-55. 28-29 Apr. 1982. Abstract only. WR 192
[204 Holdsworth, Univ. Mass., Amherst 01003] *Branta canadensis* in the United States.

84-001628 Cooper, James A. and Gordon F. Nielsen. MANAGMENT OF RESTORED CANADA GOOSE POPULATIONS: THE FERGUS FALLS, MINNESOTA CASE. *Trans. Canada Goose Symp.* p. 53. 28-29 Apr. 1982. Abstract only. WR 192
[Dep. Entomol., Fish. & Wildl., Univ. Minn., 1980 Folwell Ave., St. Paul 55108] *Branta canadensis.*

84-001629 Craven, Scott and John Ellis. ASSESSMENT OF TECHNIQUES USED IN A 5-YEAR PROGRAM OF CANADA GOOSE DISPERSAL. *Trans. Canada Goose Symp.* p. 56. 28-29 Apr. 1982. Abstract only. WR 192
[Dep. Wildl. Ecol., Univ. Wis., 226 Russell Labs, Madison 53706] *Branta canadensis.*

84-001630 Edroma, E. L. and J. Jumbe. THE NUMBER AND DAILY ACTIVITY OF THE EGYPTIAN GOOSE IN QUEEN ELIZABETH NATIONAL PARK, UGANDA. *Wildfowl* 34:99-104. 1983. WR 192
[Biol. Dep. & Fire Sci. Cent., Univ. New Brunswick, Fredericton, New Brunswick, Canada E3B 5A3] *Alopochen aegyptiacus.*

84-001631 Findlay, C. Scott and Fred Cooke. GENETIC AND ENVIRONMENTAL COMPONENTS OF CLUTCH SIZE VARIANCE IN A WILD POPULATION OF LESSER SNOW GEESE (*ANSER CAERULESCENS CAERULESCENS*). *Evolution* 37(4):724-734. July 1983. WR 192
[Dep. Biol., Queen's Univ., Kingston, Ontario, Canada K7L 3N6]

84-001632 Fitzner, Richard E. and William H. Rickard. CANADA GOOSE NESTING PERFORMANCE ALONG THE HANFORD REACH OF THE COLUMBIA RIVER, 1971-1981. *Northwest Sci.* 57(4):267-272. Nov. 1983. WR 192
[Ecosystems Dep., Pacific Northwest Lab., P.O. Box 999, Richland, WA 99352] *Branta canadensis moffitti* in Washington.

84-001633 Forbes, James. CANADA GOOSE PROBLEMS IN EASTERN URBAN AREAS. *Trans. Canada Goose Symp.* p. 61. 28-29 Apr. 1982. Abstract only. WR 192
[1203 Averill Park, New York, NY 12201] *Branta canadensis.*

84-001634 Forshaw, W. D. NUMBERS, DISTRIBUTION AND BEHAVIOUR OF PINK-FOOTED GEESE IN LANCASHIRE. *Wildfowl* 34:64-76. 1983. WR 192
[46 Bakers Lane, Churchtown, Southport, Merseyside PR9 9RN, England] *Anser brachyrhynchus* in England.

84-001635 Freethy, Ron. CANADA GEESE DIVING. *Br. Birds* 76(11):533-534. Nov. 1983. WR 192
[15 Lower Manor Lane, Burnley, Lancashire, England] *Branta canadensis* in England.

SWANS AND GEESE (CONTINUED)

84-001636 Fuller, Thad and Tom D. Atkins. UTILIZATION OF ARTIFICIAL NEST STRUCTURES BY CANADA GEESE. *Trans. Canada Goose Symp.* p. 35. 28-29 Apr. 1982. Abstract only. WR 192
[P.O. Box 148, Crosby, ND 58730] *Branta canadensis maxima* in Minnesota.

84-001637 Garðarsson, Arnþór. AUSTRÆN BLESGÆS Í FYRSTA SINN Á ÍSLANDI. [A SPECIMEN RECORD OF *ANSER ALBIFRONS ALBIFRONS* FROM ICELAND.] *Bliki* 1:46-47. May 1983. In Icelandic with English summ. WR 192
[Líffræðistofnun háskólans, Grensásvegi 12, 108 Reykjavík, Iceland]

84-001638 Gerdes, K. and H. Reepmeyer. ZUR RÄUMLICHEN VERTEILUNG ÜBERWINTERNDER SAAT- UND BELßGÄNSE (*ANSER FABALIS* UND *A. ALBIFRONS*) IN ABHÄNGIGKEIT VON NATURSCHUTZSCHÄDLICHEN UND FÖRDERNDEN EINFLÜSSEN. [DETRIMENTAL AND FAVOURABLE INFLUENCES AFFECTING THE DISPERSION OF WINTERING BEAN GEESE AND WHITE-FRONTED GEESE (*ANSER FABALIS* AND *A. ALBIFRONS*).] *Vogelwelt* 104(2):54-67. 1983. In German with English summ. WR 192
[Mozartstr. 20, D-2950, Leer, West Germany]

84-001639 Gjersing, Frank and Christopher J. Hoff. EXPANSION OF CANADA GOOSE POPULATIONS IN RELATION TO STOCKPOND CONSTRUCTION AND ISLAND DEVELOPMENT IN NORTH-CENTRAL MONTANA. *Trans. Canada Goose Symp.* p. 38. 28-29 Apr. 1982. Abstract only. WR 192
[Box 1462, Havre, MT 59501] *Branta canadensis.*

84-001640 Graber, Dave; Dale Humburg and Ollie Torgerson. CANADA GOOSE RESTORATION IN MISSOURI. *Trans. Canada Goose Symp.* p. 19. 28-29 Apr. 1982. Abstract only. WR 192
[1110 College Ave., Columbia, MO 65201] *Branta canadensis.*

84-001641 Halse, S. A. and David M. Skead. WING MOULT, BODY MEASUREMENTS AND CONDITION INDICES OF SPUR-WINGED GEESE. *Wildfowl* 34:108-114. 1983. WR 192
[Dep. Zool., Univ. Witwatersrand, Jan Smuts Ave., Johannesburg, 2001, South Africa] *Plecopterus gambensis* in South Africa.

84-001642 Halse, S. A. WEIGHT AND PARTICLE SIZE OF GRIT IN GIZZARDS OF SPURWINGED GEESE. *Ostrich* 54(3):180-182. Sept. 1983. WR 192
[Dep. Zool., Univ. Witwatersrand, Jan Smuts Ave., Johannesburg 2001, South Africa] *Plectropterus gambensis* in South Africa.

84-001643 Hammer, Donald A. ESTABLISHING MIGRATORY TRADITIONS IN CANADA GEESE. *Trans. Canada Goose Symp.* p. 29-31. 28-29 Apr. 1982. Abstract only. WR 192
[127 Orchard Rd., Norris, TN 37828] *Branta canadensis* in North America.

84-001644 Hansen, James and Gary Swanson. IOWA'S GIANT CANADA GOOSE PROGRAM AND EFFORTS TO DEAL WITH DEPREDATIONS. *Trans. Canada Goose Symp.* p. 62-64. 28-29 Apr. 1982. Abstract only. WR 192

SWANS AND GEESE (CONTINUED)

84-001644 CONTINUED
[Iowa Conserv. Comm., 1203 N. Shore Dr., Clear Lake 50428] *Branta canadensis.*

84-001645 Hatch, Scott A. and Martha A. Hatch. AN ISOLATED POPULATION OF SMALL CANADA GEESE ON KALIKTAGIK ISLAND, ALASKA. *Wildfowl* 34:130-136. 1983. WR 192
[U.S. Fish & Wildl. Serv., 1011 E. Tudor Rd., Anchorage, AK 99503] *Branta canadensis.*

84-001646 Higgins, Kenneth. HUNTER EDUCATION TO IMPROVE HARVEST PRACTICES FOR CANADA GEESE. *Trans. Canada Goose Symp.* p. 65. 28-29 Apr. 1982. Abstract only. WR 192
[Woodworth Station, Woodworth, ND 58496] *Branta canadensis.*

84-001647 Holmgren, Valde and Johnny Karlsson. SÅNGSVANEN FORTSÄTTER ATT ÖKA I SKÅNE. RESULTAT FRÅN EN INVENTERING 1978-79. [FURTHER INCREASE OF THE WHOOPER SWAN *CYGNUS CYGNUS* POPULATION IN SKÅNE, SOUTH SWEDEN. RESULTS FROM A CENSUS IN 1978-79.] *Anser* 21:163-168. 1982. In Swedish with English summ. WR 192
[Ekologihuset, 223 62 Lund, Sweden]

84-001648 James, Wesley. GIANT CANADA GOOSE RESTORATION IN THE TENNESSEE VALLEY REGION. *Trans. Canada Goose Symp.* p. 7. 28-29. Apr. 1982. Abstract only. WR 192
[120 Newridge, Rd., Oak Ridge, TN 37830] *Branta canadensis maxima.*

84-001649 Johnson, Michael; Chuck Schroeder; Forrest Lee and Lyle Schoonover. CANADA GOOSE RESTORATION IN NORTH DAKOTA - GOSLINGS VS. YEARLINGS. *Trans. Canada Goose Symp.* p. 8-9. 28-29 Apr. 1982. Abstract only. WR 192
[N.D. Game & Fish Dep., Bismarck 58505] *Branta canadensis.*

84-001650 Karlsson, Johnny; Leif Nilsson and Hakon Persson. GRÅGÅSEN SOM HÄCKFÅGEL I SKÅNE 1978-1982. [BREEDING OF THE GREYLAG GOOSE *ANSER ANSER* IN SKÅNE, SOUTH SWEDEN, 1978-82.] *Anser* 21:223-232. 1982. In Swedish with English summ. WR 192
[Ekologihuset, 223 62 Lund, Sweden]

84-001651 King, Bernard. DIVISION OF PARENTAL CARE BY MUTE SWANS. *Br. Birds* 76(11):533. Nov. 1983. WR 192
[Gull Cry, 9 Park Rd., Newlyn, Penzance, Cornwall, England] *Cygnus olor* in England.

84-001652 Kirsch, Leo. CANADA GOOSE MANAGEMENT TECHNIQUES AND EXPERIENCES. *Trans. Canada Goose Symp.* p. 42. 28-29 Apr. 1982. Abstract only. WR 192
[U.S. Fish & Wildl. Serv., Woodworth, ND] *Branta canadensis* in North America.

SWANS AND GEESE (CONTINUED)

84-001653 Kooiker, Paul. GIANT CANADA GOOSE RESTORATION AT CREX MEADOWS, WISCONSIN: REVIEW OF MANAGEMENT TECHNIQUES. *Trans. Canada Goose Symp.* p. 48-49. 28-29 Apr. 1982. Abstract only. WR 192
[Dep. Nat. Resour., Box 367, Grantsburg, WI 54840] *Branta canadensis maxima.*

84-001654 Kuck, Tom. RANDOM SAMPLING OF AREAS IN WESTERN SOUTH DAKOTA TO DETERMINE POPULATION STATUS OF RE-INTRODUCED GIANT CANADA GEESE. *Trans. Canada Goose Symp.* p. 20. 28-29 Apr. 1982. Abstract only. WR 192
[1209 N. Penn, Aberdeen, SD 57401] *Branta canadensis.*

84-001655 Kuck, Tom. SPECIAL PERMIT HUNTING OF RESTORED CANADA GEESE IN FIVE WESTERN SOUTH DAKOTA COUNTIES. *Trans. Canada Goose Symp.* p. 33. 28-29 Apr. 1982. Abstract only. WR 192
[1209 N. Penn, Aberdeen, SD 57401] *Branta canadensis.*

84-001656 Leito, A. ELAV MUSTLAGLE LÄBIRÄNNE VILSANDI LOODUSKAITSEALAL 1980. A KEVADEL. [THE TRANSMIGRATION OF THE BRENT GOOSE IN THE VILSANDI STATE NATURE RESERVE IN THE SPRING OF 1980.] *Loodusevaatlusi* 1980(1):54-58. 1982. In Estonian with Russian and English summ. WR 192
*Branta bernicla bernicla.*

84-001657 Mörner, Torsten and Karin Wahlström. INFEKTION MED BLODPARASITEN *LEUCOCYTOZOON SIMONDI*--EN VANLIG DÖDSORSAK HOS KNÖLSVANUNGAR *CYGNUS OLOR.* [INFECTION BY THE BLOOD PARASITE *LEUCOCYTOZOON SIMONDI*--A COMMON DEATH CAUSE AMONG YOUNG OF MUTE SWAN *CYGNUS OLOR.*] *Vår Fågelvärld* 42(6):389-394. 1983. In Swedish with English summ. WR 192
[Statens Veterinärmed. Anstalt, Fack, 750 07 Uppsala, Sweden]

84-001658 Maj, Mary Elizabeth. ANALYSIS OF TRUMPETER SWAN HABITAT ON THE TARGHEE NATIONAL FOREST OF IDAHO AND WYOMING. *M.S. thesis, Mont. State Univ.* 102p. Mar. 1983. WR 192
*Cygnus buccinator.*--Courtesy/Robert L. Eng.

84-001659 Martz, Jerry; Leo Pospichal and Edmund Tucker. GIANT CANADA GEESE IN MICHIGAN: EXPERIENCES WITH TRANSLOCATIONS AND NUISANCE MANAGEMENT. *Trans. Canada Goose Symp.* p. 57. 28-29 Apr. 1982. Abstract only. WR 192
[4350 W. Bath Rd., Perry, MI 48872] *Branta canadensis maxima.*

84-001660 Massey, Michael J.; Robert C. Goetz; Steven B. White and Robert D. Smith. THE RESIDENT GIANT CANADA GEESE OF LAND BETWEEN THE LAKES, THEIR HISTORY AND PRESENT DISTRIBUTION. *Trans. Canada Goose Symp.* p. 16. 28-29 Apr. 1982. Abstract only. WR 192
[Biol. Dep., Murray State Univ., Murray, KY 42071] *Branta canadensis maxima.*

84-001661 McLandress, M. Robert. SEX, AGE, AND SPECIES DIFFERENCES IN DISEASE MORTALITY OF ROSS' AND LESSER SNOW GEESE IN CALIFORNIA: IMPLICATIONS FOR AVIAN CHOLERA RESEARCH. *Calif. Fish Game* 69(4):196-206. Oct. 1983. WR 192
[Div. Wildl. & Fish. Biol., Univ. Calif., Davis 95616] *Anser rossii* and *A. caerulescens caerulescens.*

SWANS AND GEESE (CONTINUED)

84-001662 McLandress, M. Robert. WINNING WITH WARTS? A THREAT POSTURE SUGGESTS A FUNCTION FOR CARUNCLES IN ROSS'S GEESE. *Wildfowl* 34:5-9. 1983. WR 192
[Div. Wildl. & Fish. Biol., Univ. Calif., Davis 95616] *Anser rossii* in North America.

84-001663 Nastase, Anthony. CAPTURING FLIGHTLESS CANADA GEESE. *Trans. Canada Goose Symp.* p. 22. 28-29 Apr. 1982. Abstract only. WR 192
[Biol. Dep., Indiana Univ. Pa., Indiana, PA 15705] *Branta canadensis.*

84-001664 Oetting, Bob. AN OVERVIEW OF MANAGEMENT OF CANADA GEESE AND THEIR RECENT URBANIZATION. *Trans. Canada Goose Symp.* p. 52. 28-29 Apr. 1982. Abstract only. WR 192
[10425 York Ave. S., Bloomington, MN 55431] *Branta canadensis.*

84-001665 Ogilvie, M. A. GREYLAG AND PINK FOOTED GEESE IN BRITAIN. *Shooting Conserv.* 16p. 1982. From Ecol. Abstr. 1982/6:82L/8484. 1982. WR 192
*A. anser* and *A. brachyrhynchus.*

84-001666 Ogilvie, M. A. NUMBERS OF GEESE IN BRITAIN AND IRELAND, 1982-1983. *Wildfowl* 34:173. 1983. WR 192

84-001667 Ogilvie, M. A. THE NUMBERS OF GREENLAND BARNACLE GEESE IN BRITAIN AND IRELAND. *Wildfowl* 34:77-88. 1983. WR 192
[Wildfowl Trust, Slimbridge, Gloucester Gl2 7BT, England] *Branta leucopsis.*

84-001668 Olafsson, Erling and Kristinn Haukur Skarphéðinsson. AKURGÆSIR Á VILLIGÖTUM. [AN INFLUX OF BEAN GEESE *ANSER FABALIS* IN ICELAND.] *Bliki* 1:43-46. May 1983. In Icelandic with English summ. WR 192
[Náttúrufræðistofnun Islands, Pósthólf 5320, 125 Reykjavík, Iceland]

84-001669 Robel, Detlef. ZU: NILGANS-BEOBACHTUNGEN. [REGARDING: EGYPTIAN GOOSE OBSERVATIONS.] *Falke* 28(5):173. May 1981. In German. WR 192
*Alopochen aegyptiacus.*

84-001670 Rockwell, Robert F.; C. Scott Findlay and Fred Cooke. LIFE HISTORY STUDIES OF THE LESSER SNOW GOOSE (*ANSER CAERULESCENS CAERULESCENS*). I. THE INFLUENCE OF AGE AND TIME ON FECUNDITY. *Oecologia (Berl.)* 56(2-3):318-322. Feb. 1983. WR 192
[Findlay: Dep. Biol., Queen's Univ., Kingston, Ontario, Canada]

84-001671 Roscoe, Douglas E. and Jane E. Huffman. FATAL ENTERITIS CAUSED BY *SPHAERIDIOTREMA GLOBULUS* (TREMATODA: PSILOSTOMIDAE) IN A WHISTLING SWAN. *J. Wildl. Dis.* 19(4):370-371. Oct. 1983. WR 192
[Div. Fish, Game & Wildl., Pathol. Lab., Box 409 RD, Hampton, NJ 08827] *Olor columbianus.*

SWANS AND GEESE (CONTINUED)

84-001672 Rowley, Jane. LOW INCUBATION HUMIDITY: EFFECT ON A NEWLY-HATCHED GOSLING. *Vet. Med. Small Anim. Clin.* 78(11):1752. Nov. 1983. WR 192
[Vine Vet. Hospital, Chapel Hill, NC 27514] *Branta canadensis.*

84-001673 Sands, Jim. HI-LINE CANADA GOOSE TRANSPLANT EXPERIMENT. *Trans. Canada Goose Symp.* p. 24. 28-29 Apr. 1982. Abstract only. WR 192
[Star Route, Box 10, Placitas, NM 87043] *Branta canadensis* in New Mexico and Canada.

84-001674 Saul, Richard. CANADA GOOSE RESTORATION IN EASTERN WYOMING. *Trans. Canada Goose Symp.* p. 11. 28-29 Apr. 1982. Abstract only. WR 192
[Game & Fish Dep., Box 274, Lingle, WY 82223] *Branta canadensis.*

84-001675 Scheifler, Herbert. WIRD AUS DER SCHEEGANS EIN NEUES HAUSGEFLÜGEL UND EIN FEDERWILD UNSERER BREITEN? [WILL THE SNOW GOOSE BECOME A DOMESTIC BIRD AND A WILDFOWL OF OUR FILEDS?] *Falke* 28(3):89-91. Mar. 1981. In German. WR 192
*Anser caerulescens.*

84-001676 Schultz, Donald. FALL FLOCK BEHAVIOR AND HARVEST OF CANADA GEESE IN THE VICINITY OF TALCOT LAKE WILDLIFE MANAGEMENT AREA IN SOUTHWEST MINNESOTA. *Trans. Canada Goose Symp.* p. 60. 28-29 Apr. 1982. Abstract only. WR 192
[1157 Fifield Ave., S-1, St. Paul, MN 55108] *Branta canadensis.*

84-001677 Scott, Lorne. THE WASCANA CANADA GOOSE FLOCK IN REGINA. *Trans. Canada Goose Symp.* p. 4-5. 28-29 Apr. 1982. Abstract only. WR 192
[Box 995, Indian Head, Saskatchewan, Canada S0G 2K0] *Branta canadensis* in Canada.

84-001678 Sequin, Randolph J. and F. Cook. BAND LOSS FROM LESSER SNOW Geese. *J. Wildl. Manage.* 47(4):1109-1114. Oct. 1983. WR 192
[Ducks Unlimited Canada, Box 4465, 1606-4th Ave., Regina, Saskatchewan, Canada S4P 3W7] *Anser caerulescens caerulescens* in Canada.

84-001679 Sharp, Dennis. CAPTIVE PROPAGATION OF GIANT CANADA GEESE WITH SPECIAL EMPHASIS IN REDUCING HUMAN ATTACHMENT. *Trans. Canada Goose Symp.* p. 28. 28-29. Apr. 1982. Abstract only. WR 192
[Tenn. Valley Authority, Golden Pond, KY 42271] *Branta canadensis.*

84-001680 Shupe, Ron. CANADA GOOSE USE OF ISLANDS IN LAKE AUDUBON. *Trans. Canada Goose Symp.* p. 43. 28-29 Apr. 1982. Abstract only. WR 192
[Audubon Natl. Wildl. Refuge, Coleharbor, ND 58331] *Branta canadensis maxima* in North Dakota.

84-001681 Summers, Ronald W. THE LIFE CYCLE OF THE UPLAND GOOSE *CHLOËPHAGA PICTA* IN THE FALKLAND ISLANDS. *Ibis* 125(4):524-544. Oct. 1983. WR 192
[Minist. Agric., Fisheries & Food, Tangley Pl., Worplesdon, Guildford, Surrey, England]

SWANS AND GEESE (CONTINUED)

84-001682 Thomas, Vernon G.; Sarah K. Mainguy and J. Paul Prevett. PREDICTING FAT CONTENT OF GEESE FROM ABDOMINAL FAT WEIGHT. *J. Wildl. Manage.* 47(4):1115-1119. Oct. 1983. WR 192
[Zool. Dep., Coll. Biol. Sci., Univ. Guelph, Guelph, Ontario, Canada N1G 2W1] *Branta canadensis* and *Anser caerulescens caerulescens*.

84-001683 Thornburg, Dennis. RESTORATION OF GIANT CANADA GEESE ON WEST CENTRAL ILLINOIS STRIP MINE LANDS. *Trans. Canada Goose Symp.* p. 15. 28-29 Apr. 1982. Abstract only. WR 192
[Dep. Conserv., Union County Refuge, IL] *Branta canadensis maxima*.

84-001684 Tulloch, D. G. and J. L. McKean. MAGPIE GOOSE POPULATIONS ON THE COASTAL PLAINS OF THE NORTHERN TERRITORY (1958-1980). *Corella* 7(2):32-36. June 1983. WR 192
[CSIRO, Div. Wildl. Res., P.M.B. 44, Winnellie, Northern Territory 5789, Australia] *Anseranas semipalmata*.

84-001685 Van Impe, Jacques. DYNAMIQUE DES POPULATIONS DES OIES DES MOISSONS *ANSER FABALIS FABALIS* ET *ANSER FABALIS ROSSICUS*. [POPULATION DYNAMICS OF THE BEAN GOOSE *ANSER FABALIS FABALIS* AND *ANSER FABALIS ROSSICUS*.] *Gerfaut* 71:399-413. 1981. In French with Dutch and English summ. WR 192
[Inst. Hyg. & Epidemiol., Dep. Milieu, rue Juliette Wytsman 14, B-1050 Brussels, Belgium]

84-001686 Van Impe, Jacques. SUR LA CLADOGENÈSE ET L'ÉVOLUTION D'*ANSER FABALIS FABALIS* ET D'*ANSER FABALIS ROSSICUS*. [ON THE ORIGIN AND EVOLUTION OF *ANSER FABALIS FABALIS* AND *ANSER FABALIS ROSSICUS*.] *Gerfaut* 71:163-174. 1981. In French with Dutch and English summ. WR 192
[Inst. Hyg. & Epidemiol., Dep. Milieu, rue Juliette Wystman 14, B-1050 Brussels, Belgium]

84-001687 Vauk, G. and H. A. Bruns. ZUG UND RAST VON FELDGÄNSEN (*ANSER ANSER, A. FABALIS, A. BRACHYRHYNCHUS, A. ALBIFRONS, A. CAERULESCENS*) AUF HELGOLAND IN DEN JAHREN 1962-1982 MIT ANMERKUNGEN ZUM VORKOMMEN DER BRANTA-ARTEN. [THE OCCURRENCE AND PASSAGE MIGRATION OF ANSER SPECIES (*ANSER ANSER, A. FABALIS, A. BRACHYRHYNCHUS, A. ALBIFRONS, A CAERULESCENS*) ON HELGOLAND (1962-1982) WITH COMMENTS ON THE OCCURRENCE OF BRANTA SPECIES.] *Z. Jagdwiss.* 29(3):162-176. Sept. 1983. In German with French and English summ. WR 192
[Inselstn. Helgoland Inst. Vogelforschung, Vogelwarte Helgoland, Helgoland, West Germany]

84-001688 Walls, Darold T. GIANT CANADA GEESE AT J. CLARK SALYER NWR. *Trans. Canada Goose Symp.* p. 17. 28-29 Apr. 1982. Abstract only. WR 192
[619 East St., Bottineau, ND 58318] *Branta canadensis maxima*.

84-001689 Warhurst, Richard A.; Theodore A. Bookhout and Karl E. Bednarik. EFFECT OF GANG BROODING ON SURVIVAL OF CANADA GOOSE GOSLINGS. *J. Wildl. Manage.* 47(4):1119-1124. Oct. 1983. WR 192
[For., Fish & Game Comm., Pleasanton, KS 66075] *Branta canadensis maxima* in Ohio.

SWANS AND GEESE (CONTINUED)

84-001690 Warhurst, Rick. CHARACTERISTICS OF GIANT CANADA GOOSE GANG BROODS NEAR SOUTHWEST LAKE ERIE. *Trans. Canada Goose Symp.* p. 12. 28-29 Apr. 1982. Abstract only. WR 192
[Rt. 2, Box 132, Pleasanton, KS 66075] *Branta canadensis maxima* in Ohio.

84-001691 Wishart, William and Monty Hilton. TRANSLOCATION OF CANADA GEESE IN ALBERTA. *Trans. Canada Goose Symp.* p. 23. 28-29. Apr. 1982. Abstract only. WR 192
[8108-144 A St., Edmonton, Alberta, Canada] *Branta canadensis* in Canada.

84-001692 Wright, Gordon and Hugh Boyd. NUMBERS, AGE AND SEX OF GREYLAG AND PINK-FOOTED GEESE SHOT AT LOCH LEVEN NATIONAL NATURE RESERVE, 1966-1981. *Wildfowl* 34:163-167. 1983. WR 192
[Nat. Conserv. Council, Loch Leven Natl. Nat. Reserve, Vane, by Kinross, Scotland] *Anser anser* and *A. brachyrhynchus* in Scotland.

LOONS AND GREBES

84-001693 Behrstock, Robert A. PREY-INDUCED MORALITY OF A PIED-BILLED GREBE. *West. Birds* 12(4):183-184. 1981. WR 192
[Peregrine, Inc., P.O. Box 3062, Houston, TX 77001] *Podilymbus podiceps.*

84-001694 Eaton, Stephen W. HORNED GREBES DOWNED BY ICE STORM. *Am. Birds* 37(5):836-837. Sept.-Oct. 1983. WR 192
[Dep. Biol., St. Bonaventure Univ., St. Bonaventure, NY 14778] *Podiceps auritus* in New York.

84-001695 Fjeldså, Jon. ECOLOGICAL CHARACTER DISPLACEMENT AND CHARACTER RELEASE IN GREBES PODICIPEDIDAE. *Ibis* 125(4):463-481. Oct. 1983. WR 192
[Zool. Mus., Universitetsparken 15, DK-2100 Copenhagen Ø, Denmark]

84-001696 Fjeldså, Jon. SOME BEHAVIOUR PATTERNS OF FOUR CLOSELY RELATED GREBES, *PODICEPS NIGRICOLLIS, P. GALLARDOI, P. OCCIPITALIS* AND *P. TACZANOWSKII*, WITH REFLECTIONS ON PHYLOGENY AND ADAPTIVE ASPECTS OF THE EVOLUTION OF DISPLAYS. *Dan. Ornithol. Foren. Tidsskr.* 76(1-2):37-68. 1982. In English with Danish summ. WR 192
[Zool. Mus., Univ. Copenhagen, Universitetsparken 15, DK-2100, Copenhagen Ø, Denmark]

84-001697 Jehl, Joseph R., Jr. and Suzanne I. Bond. MORTALITY OF EARED GREBES IN WINTER OF 1982-83. *Am. Birds* 37(5):832-835. Sept.-Oct. 1983. WR 192
[Hubbs-Sea World Res. Inst., 1700 S. Shores Rd., San Diego 92109] *Podiceps nigricollis* in California and Mexico.

LOONS AND GREBES (CONTINUED)

84-001698 Kistchinski, A. A. and V. E. Flint. [TAXONOMIC RELATIONS WITHIN THE GROUP OF THE BLACK-THROATED DIVERS.] *Ornitologiya* 18:112-123. 1983. In Russian with English summ. WR 192
*Gavia pacifica, G. a. arctica,* and *G. a. viridigularis.*

84-001699 Lehmann, Roland. NICHTBRÜTER - ANSAMMLUNGEN BEIM HAUBENTAUCHER. [NONBREEDING IN GREAT CRESTED GREBE.] *Falke* 28(2):60. Feb. 1981. In German. WR 192
*Podiceps cristatus.*

84-001700 McIntyre, Judith W. NURSERIES: A CONSIDERATION OF HABITAT REQUIREMENTS DURING THE EARLY CHICK-REARING PERIOD IN COMMON LOONS. *J. Field Ornithol.* 54(3):247-253. 1983. WR 192
[Biol. Dep., Utica Coll., Syracuse Univ., Utica, NY 13502] *Gavia immer* in Canada.

84-001701 Mistchenko, A. L. and E. N. Bukvareva. [RECENT DISTRIBUTION OF GREBES IN MOSCOW REGION.] *Ornitologiya* 18:169-170. 1983. In Russian. WR 192
Podicipedidae.

84-001702 Ryder, Ronald A. LOONS IN COLORADO: THEIR IDENTIFICATION, DISTRIBUTION AND ABUNDANCE. *C.F.O. (Colo. Field Ornithol.) J.* 17(3):6. 1983. Abstract only. WR 192
[Dep. Fish. & Wildl. Biol., Colo. State Univ., Fort Collins 80523] *Gavia immer, G. arctica, G. stellata,* and *G. adamsii.*

84-001703 Stymeist, Robert H. LOONS IN NEW HAMPSHIRE AND FLORIDA: GOOD NEWS AND BAD. *Bird Observer East Mass.* 11(5):285. Oct. 1983. WR 192
[Brookline, MA] *Gavia immer.*

SHOREBIRDS, MARSHBIRDS, AND ALLIES

84-001704 Allen, Paul. POSSIBLE BAR-TAILED GODWIT IN SASKATCHEWAN. *Blue Jay* 41(4):200-201. Dec. 1983. WR 192
[43 Beechwood Ave., Locking, Nr Weston-super-Mare, Avon, BS24 8DS, England] *Limosa lapponica* in Canada.

84-001705 Atwood, Jonathan L. and Dennis E. Minsky. LEAST TERN FORAGING ECOLOGY AT THREE MAJOR CALIFORNIA BREEDING COLONIES. *West. Birds* 14(2):57-72. 1983. WR 192
[Dep. Biol., Univ. Calif., Los Angeles 90024]

84-001706 Banks, Judy. THE BLACK-TAILED GODWIT *LIMOSA LIMOSA. Loris* 15(3):168-169. June 1980. WR 192

84-001707 Bannon, Pierre. FIRST NESTING OF THE LITTLE GULL (*LARUS MINUTUS*) IN QUEBEC. *Am. Birds* 37(5):838-839. Sept.-Oct. 1983. WR 192
[1517 Leprohon St., Montreal, Quebec, Canada H4E 1P1]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001708 Baylor, L. M. and Mary E. Baylor. BREEDING AMERICAN AVOCETS IN NORTHWESTERN BUTTE COUNTY. *S.D. Bird Notes* 35(4):68-69. Dec. 1983. WR 192
*Recurvirostra americana* in South Dakota.

84-001709 Berger, J. CHILEFLAMINGO AN DEN ESCHEFELDER TEICHEN. [CHILEAN FLAMINGO IN THE ESCHENFELD POND.] *Falke* 29(1):30. Jan. 1982. In German. WR 192
*Phoenicopterus chilensis.*

84-001710 Blümel, Hans. IN EINER BRUTKOLONIE DER GRAUREIHER. [IN A BREEDING COLONY OF GRAY HERONS.] *Falke* 28(3):78-81. Mar. 1981. In German. WR 192
*Ardea cinerea.*

84-001711 Black, Barbara B. and Larry D. Harris. FEEDING HABITAT OF BLACK SKIMMERS WINTERING ON THE FLORIDA GULF COAST. *Wilson Bull.* 95(3):404-415. Sept. 1983. WR 192
[Coop. Fish & Wildl. Res. Unit, School For. Resour. & Conserv., Univ. Fla., Gainesville 32611] *Rynchops niger niger.*

84-001712 Brady, Nell E. and Howard Bowers, Jr. YELLOW-CROWNED NIGHT-HERON SIGHTED ON JAMES RIVER. *S.D. Bird Notes* 34(4):95-96. Dec. 1982. WR 192
[Coop. Wildl. Res. Unit, Wildl. & Fish. Sci. Dep., S.D. State Univ., Brookings 57007] *Nyctanassa violacea* in South Dakota.

84-001713 Brand, Christopher J. and Ruth M. Duncan. AVIAN CHOLERA IN AN AMERICAN FLAMINGO *PHOENICOPTERUS RUBER*: A NEW HOST RECORD. *Calif. Fish Game* 69(3):190-191. July 1983. WR 192
[Natl. Wildl. Health Lab., 6006 Schroeder Rd., Madison, WI 53711]

84-001714 Breife, B. SKUGGFISKANDE SVART STORK *CICONIA NIGRA*. [BLACK STORK *CICONIA NIGRA* OBSERVED WING-SPREADING WHILE FEEDING.] *Calidris* 82(1):84-86. 1982. From Ecol. Abstr. 1982/6:82L/8432. 1982. In Swedish with English summ. WR 192

84-001715 Brglez, J. *CURTUTERIA GRUMNTI* ODENING, 1963, PRI VELIKEM ŠKURHU, *NUMENIUS ARQUATA* (L.). [*CURTUTERIA GRUMNTI* ODENING, 1963, IN CURLEW, *NUMENIUS ARQUATA* (L.).] *Zb. Biotek. Fak. Univ. Ljublj. Vet.* 20(1):99-103. 1983. In Serbo-Croatian with English summ. WR 192
[VTOZD Vet. BF, 61000 Ljubljana, Gerbičeva 60, Yugoslavia]

84-001716 Brglez, J. *GALACTOSOMUM BAYLISI* (GOHAR, 1930) PRICE, 1932, PRI NAVADNI ČIGRI, *STERNA HIRUNDO* L. [*GALACTOSOMUM BAYLISI* (GOHAR, 1930) PRICE, 1932, IN COMMON TERN, *STERNA HIRUNDO* L.] *Zb. Biotek. Fak. Univ. Ljublj. Vet.* 20(1):105-109. 1983. In Serbo-Croatian with English summ. WR 192
[VTOZD Vet. BF, 61000 Ljubljana, Gerbičeva 60, Yugoslavia]

84-001717 Brglez, J. *PELMATOSTOMUM EPISEMUM* DIETZ, 1909 PRI MALEM ŠKURHU, *NUMENIUS PHAEOPUS* (L.), IZ ULCINJA. [*PELMATOSTOMUM EPISEMUM* DIETZ, 1909 IN WHIMBREL, *NUMENIUS PHAEOPUS* (L.), FROM ULCINJ.]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001717 CONTINUED *Zb. Biotch. Fak. Univ. Ljublj. Vet.* 20(1):93-97. 1983. In Serbo-Croatian with English summ. WR 192
[VTOZD Vet. BF, 61000 Ljubljana, Gerbičeva 60, Yugoslavia]

84-001718 Briggs, Kevin. THE DISTRIBUTION AND REPRODUCTION OF RINGED PLOVERS BREEDING COASTALLY AND INLAND IN NORTH-WEST ENGLAND. *Bird Study* 30(3):222-228. Nov. 1983. WR 192
[26 Hazelmount Dr., Warton, Carnforth, Lancashire LA5 9HU, England] *Charadrius hiaticula.*

84-001719 Brown, William L., Sr. LAUGHING GULL SEEN ON LAKE PEPIN. *Loon* 55(3):125. 1983. WR 192
[Star Rt., Box 164, Brainerd, MN 56401] *Larus atricilla* in Minnesota.

84-001720 Bukina, T. G. and G. F. Rizvanova. [BREEDING BIOLOGY OF THE BLACK-TAILED GODWIT NEAR IZHEVSK TOWN.] *Ornitologiya* 18:187-188. 1983. In Russian. WR 192
*L. limosa* in USSR.

84-001721 Burger, Joanna and Michael Gochfeld. SEASONAL VARIATION IN SIZE AND FUNCTION OF THE NASAL SALT GLAND OF THE FRANKLIN'S GULL (*LARUS PIPIXCAN*). *Comp. Biochem. Physiol. A Comp. Physiol.* 77(1):103-110. 1984. WR 192
[Dep. Biol. Sci., Rutgers Univ., New Brunswick, NJ 08903]

84-001722 Burger, Joanna and Michael Gochfeld. FEEDING BEHAVIOR IN LAUGHING GULLS: COMPENSATORY SITE SELECTION BY YOUNG. *Condor* 85(4):467-473. Nov. 1983. WR 192
[Dep. Biol., Rutgers Univ., New Brunswick, NJ 08903] *Larus atricilla* in Texas and Mexico.

84-001723 Burger, Joanna. DETERMINING SEX RATIOS FROM COLLECTED SPECIMENS. *Condor* 85(4):503. Nov. 1983. WR 192
[Dep. Biol. Sci., Rutgers Univ., New Brunswick, NJ 08903] *Larus pipixcan* in Minnesota.

84-001724 Burt, D. R. R. *TAENIARHYNCHAENA MICROPALAMAE* GEN. ET SP. N. (CESTODA, DILEPIDIDAE) FROM THE STILT SANDPIPER *MICROPALAMA HIMANTOPUS* (BONAPARTE, 1826). *J. Parasitol.* 69(4):750-753. Aug. 1983. WR 192
[M.D.B. Burt: Dep. Biol., Univ. New Brunswick, Bag Service 4511, Fredericton, New Brunswick, Canada E3B 6E1]

84-001725 Byrd, G. Vernon and C. Fred Zeillemaker. ECOLOGY OF NESTING HAWAIIAN COMMON GALLINULES AT HANALEI, HAWAII. *West. Birds* 12(3):105-116. 1981. WR 192
[Aladdin Rt. Box 160 E., Colville, WA 99114] *Gallinula chloropus.*

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001726 Byrkjedal, Ingvar and Anders Bernhoft-osa. TRENDS IN THE NUMBERS OF MIGRATING SHOREBIRDS AT REVTANGEN BIRD OBSERVATORY, SW NORWAY, IN THE 21-YEAR PERIOD 1947-1967. *Fauna Norv. Ser. C Cinclus* 5(2):53-58. 1982. In English with Norwegian summ. WR 192
[Zool. Mus., Muséepl. 3, N-5000 Bergen, Norway] Data for 10 spp.

84-001727 Cardillo, Robert; Alec Forbes-Watson and Robert Ridgely. THE WESTERN REEF-HERON (*EGRETTA GULARIS*) AT NANTUCKET ISLAND, MASSACHUSETTS. *Am. Birds* 37(5):827-829. Sept.-Oct. 1983. WR 192
[Visual Resour. Ornithol., Acad. Nat. Sci., 19th & Benjamin Franklin Parkway, Philadelphia, PA 19103]

84-001728 Cawston, J. M. ONE MOORHEN KILLING AND EATING ANOTHER. *Br. Birds* 76(10):451. Oct. 1983. WR 192
[1 Severn Rd., Ipswich, Suffolk IP3 0PZ, England] *Gallinula chloropus* in England.

84-001729 Chardine, John W. and Ralph D. Morris. HERRING GULL MALES EAT THEIR OWN EGGS. *Wilson Bull.* 95(3):477-478. Sept. 1983. WR 192
[Dep. Biol. Sci., Brock Univ., St. Catharines, Ontario, Canada L2S 3A1] *Larus argentatus* in Canada.

84-001730 Child, Peter. AN HISTORICAL NOTE ON MIGRATORY SPECIES IN CENTRAL OTAGO. *Notornis* 30(3):186. Sept. 1983. WR 192
[10 Royal Terrace, Alexandra, New Zealand] *Larus* spp. and *Haematopus ostralegus finschi* in New Zealand.

84-001731 Child, Peter. DECLINE OF THE PIED STILT IN CENTRAL OTAGO. *Notornis* 30(3):243-244. Sept. 1983. WR 192
[10 Royal Terrace, Alexandra, New Zealand] *Himantopus himantopus leucocephalus* in New Zealand.

84-001732 Clancey, P. A. PECTORAL SANDPIPERS IN THE SOUTH AFRICAN SUB-REGION. *Bokmakierie* 35(3):68. Sept. 1983. WR 192
[121 Milner Gardens Hotel, 75 Marriott Rd., Durban 4001, South Africa] *Calidris melanotos.*

84-001733 Clark, N. A. and J. Clark. RECENT RECOVERIES OF WADERS RINGED IN BRITAIN AND IRELAND. *Wader Study Group Bull.* No. 38. p. 49-52. Aug. 1983. WR 192
Data for 18 spp.

84-001734 Colorado Field Ornithologists. IMMATURE ROSS' GULL IN COLORADO. *C.F.O. (Colo. Field Ornithol.) J.* 17(3):16-17. 1983. WR 192
*Rhodostethia rosea.*

84-001735 Conover, Michael R. RECENT CHANGES IN RING-BILLED AND CALIFORNIA GULL POPULATIONS IN THE WESTERN UNITED STATES. *Wilson Bull.* 95(3):362-383. Sept. 1983. WR 192
[Dep. Ecol. & Climatol., Conn. Agric. Exp. Stn., P.O. Box 1106, New Haven 06504] *Larus delawarensis* and *L. californicus.*

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001736 Conry, Jeanne A. and Bruce E. Webb. AN EXTANT SPECIMEN OF ARCTIC TERN FROM COLORADO. *West. Birds* 13(1-4):37-38. 1982. WR 192
[Dep. Biol., Univ. Colo., 1100 Fourteenth St., Denver 80202] *Sterna paradisaea*.

84-001737 Cooper, J. VARIATIONS IN MORTALITY RATES OF JUVENILE SWIFT TERNS *STERNA BERGII* IN SOUTHERN AFRICA. *Safring News* 11(1):16-17. 1982. WR 192
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

84-001738 Cooper, John M. RECENT OCCURRENCES OF THE AMERICAN AVOCET IN BRITISH COLUMBIA. *Murrelet* 64(2):47-48. 1983. WR 192
[Vertebr. Zool. Div., British Columbia Provincial Mus., Victoria, British Columbia, Canada V8V 1X4] *Recurvirostra americana* in Canada.

84-001739 Cordonnier, P. NOTES SUR LA CROISSANCE DES POUSSINS DE RÂLE D'EAU *RALLUS AQUATICUS*. [NOTE ON THE GROWTH OF WATER RAIL *RALLUS AQUATICUS* CHICKS.] *Alauda* 51(4):309-312. 1983. In French. WR 192
[Grande Neuve, 01330 Villars-les-Dombes, France]

84-001740 Coulson, J. C.; C. S. Thomas; J. E. L. Butterfield; N. Duncan; P. Monaghan and C. Shedden. THE USE OF HEAD AND BILL LENGTH TO SEX LIVE GULLS LARIDAE. *Ibis* 125(4):549-557. Oct. 1983. WR 192
[Dep. Zool., Univ. Durham, South Rd., Durham DH1 3LE, England] Data for 6 spp.

84-001741 Coverdale, M. A. C.; J. Hancock and D. J. Pearson. UNUSUAL DECEMBER-JANUARY BREEDING AT THE GARSEN HERONRY, KENYA. *Scopus* 7(2):49-50. June 1983. WR 192
[Box 36, Ukunda, Mombasa, Kenya] Data for 9 spp.

84-001742 Czechura, G. V. THE RAILS OF THE BLACKALL-CONONDALE RANGE REGION WITH ADDITIONAL COMMENTS ON LATHAM'S SNIPE *GALLINAGO HARDWICKII*. *Sunbird* 13(2):31-35. 1983. WR 192
[Queensland Mus., Gregory Terrace, Fortitude Valley, Queensland 4006, Australia] Data on 8 spp. of Rallidae.

84-001743 Davidson, N. C. and N. A. Clark. WSG PROJECT ON THE EFFECTS OF SEVERE WEATHER ON WADERS: SECOND PROGRESS REPORT. *Wader Study Group Bull.* No. 38. p. 8-9. Aug. 1983. WR 192
[Dep. Zool., Univ. Durham, South Rd., Durham DH1 3LE, England]

84-001744 Davis, William E., Jr. OBSERVATIONS OF FORAGING BEHAVIOUR OF A MANGROVE HERON. *Aust. Birds* 18(1):9. Oct. 1983. WR 192
[Coll. Basic Studies, Boston Univ., Boston, MA 02215] *Butorides striatus* in Australia.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001745 DesGranges, J. L. and P. Laporte. FOURTH AND FIFTH TOURS OF INSPECTION OF QUEBEC HERONRIES, 1980-81. *Can. Wildl. Serv. Prog. Notes* No. 139. 11p. Nov. 1983. WR 192
[Canadian Wildl. Serv., Quebec, Quebec, Canada G1V 4H5] *Ardea herodias*.

84-001746 Duff, A. G. WINTER BEHAVIOUR OF WATER RAILS. *Br. Birds* 76(10):450-451. Oct. 1983. WR 192
[1 Alder Walk, Frome, Somerset BA11 2SN, England] *Rallus aquaticus* in England.

84-001747 Dunn, Erica and Joanne Siderius. ONTARIO HERONRY INVENTORY. *Long Point Bird Observatory Annu. Rep.* 1980:17. Dec. 1982. WR 192

84-001748 Eckert, Kim. AN IBIS AT THE CROOKSTON SEWAGE PONDS. *Loon* 55(3):128. 1983. WR 192
[9735 North Shore Dr., Duluth, MN 55804] *Plegadis* sp. in Minnesota.

84-001749 Eckert, Kim. FOURTH MINNESOTA RECORD OF ARCTIC TERN. *Loon* 55(3):127. 1983. WR 192
[9735 North Shore Dr., Duluth, MN 55804] *Sterna paradisea*.

84-001750 Eckert, Kim. RUFF AT THE ALBANY SEWAGE PONDS. *Loon* 55(3):128. 1983. WR 192
[9735 North Shore Dr., Duluth, MN 55804] *Philomachus pugnax*.

84-001751 Engelmoer, Meinte; Kees Roselaar; Gerard C. Boere and Ebel Nieboer. POST-MORTEM CHANGES IN MEASUREMENTS OF SOME WADERS. *Ringing Migration* 4(4):245-248. Oct. 1983. WR 192
[State For. Serv., Dep. Nat. Conserv., Postbus 20020, 3502 LA Utrecht, Netherlands]

84-001752 Erwin, R. Michael. FEEDING HABITATS OF NESTING WADING BIRDS: SPATIAL USE AND SOCIAL INFLUENCES. *Auk* 100(4):960-970. Oct. 1983. WR 192
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708]

84-001753 Evans, Roger M. EFFICIENT USE OF FOOD PATCHES AT DIFFERENT DISTANCES FROM A BREEDING COLONY IN BLACK-BILLED GULLS. *Behaviour* 79(1):28-38. 1982. In English with French summ. WR 192
[Dep. Zool., Univ. Manitoba, Winnipeg, Manitoba, Canada] *Larus bulleri* in New Zealand.

84-001754 Evans, Roger M. DO SECONDARY ROOSTS FUNCTION AS INFORMATION CENTERS IN BLACK-BILLED GULLS? *Wilson Bull.* 95(3):461-462. Sept. 1983. WR 192
[Dep. Zool., Univ. Manitoba, Winnipeg, Manitoba, Canada R3T 2N2] *Larus bulleri* in New Zealand.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001755 Fieseler, David. ONTARIO HERONRY INVENTORY. *Long Point Bird Observatory Annu. Rep.* 1978:14. Jan. 1981. WR 192

84-001756 Firsova, L. V. and A. G. Menshikova. [WADERS FAUNA IN THE SOUTH-WESTERN PART OF THE KORYAK HIGHLAND.] *Ornitologiya* 18:183. 1983. In Russian. WR 192

84-001757 Fitch, Mary A. and Gary W. Shugart. COMPARATIVE BIOLOGY AND BEHAVIOR OF MONOGAMOUS PAIRS AND ONE MALE-TWO FEMALE TRIOS OF HERRING GULLS. *Behav. Ecol. Sociobiol.* 14(1):1-7. 1983. WR 192
[Ecol. Prog., Bldg. 4087, Rutgers Univ., New Brunswick, NJ 08903] *Larus argentatus* on Lake Michigan.

84-001758 Fix, David. IDENTIFICATION: ADULT SANDERLINGS IN MOULT. *Oreg. Birds* 9(3):112-113. 1983. WR 192
*Calidris alba* in Oregon.

84-001759 Fritz, O. VAR-OCH SOMMAROBSERVATIONER AV DVARGBECKASIN *LYMNOCRYPTES MINIMUS* PÅ ÖLAND. [RECORD OF JACK SNIPE, *LYMNOCRYPTES MINIMUS*, ON ÖLAND DURING SPRINGS AND SUMMERS.] *Calidris* 82(1):83-84. 1982. From Ecol. Abstr. 1982/6:82L/8487. 1982. In Swedish with English summ. WR 192

84-001760 Fry, C. H. INCUBATION, BROODING, AND A STRUCTURAL CHARACTER OF THE AFRICAN JACANA. *Ostrich* 54(3):175-176. Sept. 1983. WR 192
[Univ. Aberdeen, Zool. Dep., Tillydrone Ave., Aberdeen, Scotland AB9 2TN] *Actophilornis africana* in Kenya.

84-001761 Fussell, John O. III. BAR-TAILED GODWIT FOUND AT PORTSMOUTH ISLAND, N.C. *Chat* 47(3):71-72. 1983. WR 192
[1412 Shepard St., Morehead City, NC 28557] *Limosa lapponica.*

84-001762 Galbraith, C. A. and P. S. Thompson. THE WOOD SANDPIPER *TRINGA GLAREOLA* BREEDING IN ICELAND, 1981. *Dan. Ornithol. Foren. Tidsskr.* 76(1-2):72. 1982. In English with Danish summ. WR 192
[4 Achagoil, Minard, Inverarry, Argyll, Scotland]

84-001763 Gaston, A. J.; D. G. Noble and M. A. Purdy. MONITORING BREEDING BIOLOGY PARAMETERS FOR MURRES *URIA* SPP.: LEVELS OF ACCURACY AND SOURCES OF BIAS. *J. Field Ornithol.* 54(3):275-282. 1983. WR 192
[Canadian Wildl. Serv., Environ. Canada, Ottawa, Ontario, Canada K1A 0E7] *Uria lomvia* in Canada.

84-001764 Gaston, A. J.; R. I. Goudie; D. G. Noble and A. MacFarlane. OBSERVATIONS ON "TURR" HUNTING IN NEWFOUNDLAND: AGE, BODY CONDITION, AND DIET OF THICK-BILLED MURRES (*URIA LOMVIA*), AND PROPORTIONS OF OTHER SEABIRDS, KILLED OFF NEWFOUNDLAND IN WINTER. *Can. Wildl. Serv. Prog. Notes* No. 141. 7p. Nov. 1983. WR 192
[Canadian Wildl. Serv., Ottawa, Ontario, Canada K1A 0E7]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001765 Gaunt, A. S.; S. L. L. Gaunt and H. D. Prange. ACOUSTIC PROPERTIES OF COILED TRACHEA IN GRUIDAE. *Am. Zool.* 23(4):895. 1983. Abstract only. WR 192

84-001766 Gee, George F. CRANE REPRODUCTIVE PHYSIOLOGY AND CONSERVATION. *Zoo Biol.* 2(3):199-213. 1983. WR 192
[Patuxent Wildl. Res. Cent., Laurel, MD 20708]

84-001767 Gloe, Peter. HOHLZANGENSTRUKTUR IM SCHNABEL DER ZWERGMÖWE *LARUS MINUTUS*. [CONCAVE PINCER STRUCTURE IN THE TIP OF THE BILL OF THE LITTLE GULL *LARUS MINUTUS*.] *Verh. Ornithol. Ges. Bayern* 23(5/6):521-524. Oct. 1983. In German with English summ. WR 192
[Mühlestr 10, D-2223 Meldorf, West Germany]

84-001768 Goss-Custard, J. D.; S. McGrorty; C. J. Reading and Sarah E. A. le V. dit Durell. MUSSEL AND OYSTERCATCHER POPULATION DYNAMICS ON THE EXE ESTUARY. *Inst. Terrestrial Ecol. Annu. Rep.* p. 87. 1982. WR 192
*Haematopus ostralegus* in England.

84-001769 Grau, G. A. and R. W. Parris. GREAT BLUE HERONS AS ENVIRONMENTAL INDICATORS: ASPECTS OF FORAGING ECOLOGY. *Water Resour. Cent. Ohio State Univ.* 79p. 1980. From Ecol. Abstr. 1982/6:82L/8430. 1982. WR 192
*Ardea herodias*.

84-001770 Green, G. H. WSG SURVEY TO DETERMINE THE NUMBER AND DISTRIBUTION OF WADERS BREEDING ON THE WESTERN SEABOARD OF THE OUTER HEBRIDES, SCOTLAND. *Wader Study Group Bull.* No. 38. p. 6-7. 1983. WR 192
[Windy Ridge, Little Comberton, Pershore, Worcestshire, WR10 3EW, England] Data for 6 spp.

84-001771 Greenlaw, Jon S. and Richard F. Miller. CALCULATING INCUBATION PERIODS OF SPECIES THAT SOMETIMES NEGLECT THEIR LAST EGGS: THE CASE OF THE SORA. *Wilson Bull.* 95(3):459-461. Sept. 1983. WR 192
[Dep. Biol., Long Island Univ., Greenvale, NY 11548] *Porzana carolina*.

84-001772 Gromadzka, Jadwiga. RESULTS OF BIRD RINGING IN POLAND. MIGRATIONS OF DUNLIN *CALIDRIS ALPINA*. *Acta Ornithol. (Warsaw)* 19(5):113-136. 31 Jan. 1983. In English with Polish and Russian summ. WR 192
[Ornithol. Stn., Polish Inst. Zool., Acad. Sci., 80680 Gdańsk 40, Poland]

84-001773 Grover, Jill J. and Bori L. Olla. THE ROLE OF THE RHINOCEROS AUKLET (*CERORHINCA MONOCERATA*) IN MIXED-SPECIES FEEDING ASSEMBLAGES OF SEABIRDS IN THE STRAIT OF JUAN DE FUCA, WASHINGTON. *Auk* 100(4):979-982. Oct. 1983. WR 192
[School Oceanogr., Oreg. State Univ., Mar. Sci. Cent., Newport 97365]

84-001774 Grummt, Wolfgang. BREEDING THE MARABOU STORK *LEPTOPTILOS CRUMENIFERUS* AT TIERPARK BERLIN. *Int. Zoo Yearb.* 21:96-97. 1981. WR 192
[Tierpark Berlin, DDR-1136, Berlin, Am Tierpark 125, East Germany]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001775 Gunderson, Harvey L. CATTLE EGRETS. *Nebr. Bird Rev.* 51(3):83. Sept. 1983. WR 192
[1200 Superior, Lincoln, NE 68521] *Bubulcus ibis* in Nebraska.

84-001776 Haig, G. M. WINTERING BAIRD'S SANDPIPER AT STAINES RESERVOIR. *Lond. Bird Rep.* No. 47. p. 87-90. Sept. 1983. WR 192
[686 Whitton Ave. W., Northolt, Middlesex, England] *Calidris bairdii* in England.

84-001777 Hanssen, Ole Jørgen. RECENT CHANGES IN THE BREEDING POPULATION AND NESTING HABITS OF BLACK-HEADED GULL *LARUS RIDIBUNDUS* L. IN THE ØSTFOLD ARCHIPELAGO, SE NORWAY. *Fauna Norv. Ser. C Cinclus* 5(1):10-15. 1982. In English with Norwegian summ. WR 192
[Zool. Mus., Sarsgt. 1, N-Oslo 5, Norway]

84-001778 Hatch, Scott A. THE FLEDGING OF COMMON AND THICK-BILLED MURRES ON MIDDLETON ISLAND, ALASKA. *J. Field Ornithol.* 54(3):266-274. 1983. WR 192
[U.S. Fish & Wildl. Serv., 1011 E. Tudor Rd., Anchorage, AK 99503] *Uria aalge* and *U. lomvia.*

84-001779 Heil, Richard S. OBSERVATIONS OF TWO APPARENT HYBRID GULLS IN MASSACHUSETTS. *Bird Observer East. Mass.* 11(3):137-141. June 1983. WR 192
*Larus argentatus* and *L. marinus.*

84-001780 Heinrich, Dieter and Max Lobedan. BEOBACHTUNGEN AM SAMMELPLATZ DER KRANICHE IM KREIS TEMPLIN. [OBSERVATIONS AT AN ASSEMBLING AREA OF CRANES IN THE TEMPLIN DISTRICT.] *Falke* 29(1):14-21. Jan. 1982. In German. WR 192

84-001781 Hirons, G. THE BREEDING BIOLOGY AND BEHAVIOUR OF THE WOODCOCK *SCOLOPAX RUSTICOLA. Ibis* 125(4):589. Oct. 1983. Abstract only. WR 192
[Southampton Univ., Southampton, England]

84-001782 Hockey, Philip A. R. A BIBLIOGRAPHY OF WORLD OYSTERCATCHER LITERATURE. *Wader Study Group Bull.* No. 38. p. 23-28. Aug. 1983. WR 192
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa] Conclusion.

84-001783 Hodgson, Ian; Trevor Wyatt and Terry Wyatt. DARK BREAST-SIDE MARKS ON ADULT WHISKERED TERNS. *Br. Birds* 76(10):454. Oct. 1983. WR 192
[43 Middle Deal Rd., Deal, Kent CT14 9RG, England] *Chlidonias hybridus* in Israel.

84-001784 Holohan, S. SHOREBIRD MIGRATION AT MONTREAL, CANADA. *Wader Study Group Bull.* No. 38. p. 37-40. Aug. 1983. WR 192
[267 Talbot Ave., Apt. 17, Winnipeg, Manitoba, Canada R2L 0P7]

84-001785 Holohan, Stewart. CURLEW SANDPIPER IN MANITOBA. *Blue Jay* 41(4):205-207. Dec. 1983. WR 192
[267 Talbot Ave., Apt. 17, Winnipeg, Manitoba, Canada R2L 0P7] *Calidris ferruginea* in Canada.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001786 Horton, N.; T. Brough and J. B. A. Rochard. THE IMPORTANCE OF REFUSE TIPS TO GULLS WINTERING IN AN INLAND AREA OF SOUTH-EAST ENGLAND. *J. Appl. Ecol.* 20(3):751-765. Dec. 1983. WR 192
[MAFF, Worplesdon Lab., Guildford, Surrey GU3 3LQ, England]

84-001787 Howell, Judd; David LaClergue; Sharon Paris; William I. Boarman; Anthony R. Degange and Laurence C. Binford. FIRST NESTS OF HEERMANN'S GULL IN THE UNITED STATES. *West. Birds* 14(1):39-46. 1983. WR 192
[U.S. Natl. Park Serv., Fort Mason, Bldg. 201, San Francisco, CA 94123] *Larus heermanni*.

84-001788 Hudson, P. J. THE VARIATION AND SYNCHRONIZATION OF DAILY WEIGHT INCREMENTS OF PUFFIN CHICKS *FRATERCULA ARCTICA*. *Ibis* 125(4):557-561. Oct. 1983. WR 192
[North of England Grouse Res. Project, Mews House, Askrigg, North Yorkshire DL8 3HG, England]

84-001789 Hulscher, J. B. DE SNAVEL VAN DE SCHOLEKSTER, EEN VERFIJND INSTRUMENT. [THE BEAK OF THE OYSTERCATCHER--AN INSTRUMENT REFINED.] *Vogels* No. 16. p. 136-138. July-Aug. 1983. In Dutch. WR 192
*Haematopus ostralegus*.

84-001790 Hummel, Dietrich. DER EINFLUG DER GROßTRAPPE (*OTIS TARDA*) NACH WEST-EUROPA IM WINTER 1978/79. [THE FLIGHT OF THE GREAT BUSTARD (*OTIS TARDA*) INTO WESTERN EUROPE IN THE WINTER OF 1978/79.] *Vogelwelt* 104(2):41-53. 1983. In German. WR 192

84-001791 Ingram, Richard P. and Gene W. Wood. CHARACTERISTICS OF WOODCOCK HARVEST DATA IN COASTAL SOUTH CAROLINA. *Wildl. Soc. Bull.* 11(4):356-359. 1983. WR 192
[Belle W. Baruch For. Sci. Inst., Clemson Univ., Georgetown, SC 29440] *Scolopax minor*.

84-001792 Jaensch, Roger. AUSTRALIAN PRATINCOLES NEAR BOOL LAGOON. *S. Aust. Ornithol.* 29(3):72. Sept. 1983. WR 192
[69 Lanark St., Coolbinia, Western Australia 6050, Australia] *Stiltia isabella* in Australia.

84-001793 Janssen, Robert B. SUB-ADULT LAUGHING GULL AT SANDPOINT, FRONTENAC. *Loon* 55(3):125-126. 1983. WR 192
[10521 S. Cedar Lake Rd., #212, Minnetonka, MN 55343] *Larus atricilla* in Minnesota.

84-001794 Jensen, Ron. SABINE'S GULLS AT TURTLE LAKE, SASKATCHEWAN. *Blue Jay* 41(4):189. Dec. 1983. WR 192
[1027 King Crescent, Saskatoon, Saskatchewan, Canada S7K 0N9] *Xema sabini* in Canada.

84-001795 Johnson, Oscar W. and Particia M. Johnson. PLUMAGE-MOLT-AGE RELATIONSHIPS IN "OVER-SUMMERING" AND MIGRATORY LESSER GOLDEN-PLOVERS. *Condor* 85(4):406-419. Nov. 1983. WR 192

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001795 CONTINUED
[Dep. Biol., Moorhead State Univ., Moorhead, MN 56560] *Pluvialis dominica fulva* in Hawaii and Marshall Islands.

84-001796 Jonkers, Dick. ZIJN ER NOG MOGELIJKHEDEN VOOR OOIEVAARS IN NEDERLAND? [IS THERE A POTENTIALITY FOR STORKS IN THE NETHERLANDS?] *Vogels* No. 16. p. 153-155. July-Aug. 1983. In Dutch. WR 192
*Ciconia ciconia.*

84-001797 Kastepõld, T. RÄUSA (*HYDROPROGNE TSCHEGRAVA*) JÄRELKURNAST MATSALU LOODUSKAITSEALAL. [ON THE REPEAT CLUTCH OF THE CASPIAN TERN (*HYDROPROGNE TSCHEGRAVA*) IN THE MATSALU STATE NATURE RESERVE.] *Loodusevaatlusi* 1980(1):189-190. 1982. In Estonian with Russian and English summ. WR 192

84-001798 Kastepõld, T. KAS LIIGKURN RÄUSAL (*HYDROPROGNE TSCHEGRAVA*)? [AN ENORMOUS CLUTCH OF THE CASPIAN TERN (*HYDROPROGNE TSCHEGRAVA*).] *Loodusevaatlusi* 1980(1):37-40. 1982. In Estonian with Russian and English summ. WR 192

84-001799 Kent, Donald M. IN-PLACE HOPPING OF A FEEDING LITTLE BLUE HERON. *Fla. Field Nat.* 11(3):54-55. Aug. 1983. WR 192
[Biol. Dep., Univ. South Fla., Tampa 33620] *Egretta caerulea* in Florida.

84-001800 Khalil, L. F. A STUDY OF A DIOECIOUS CESTODE OF THE GENUS *GYROCOELIA* FROM A SPURWING PLOVER IN THE SUDAN. *Parasitology* 87(2):xxxv. Oct. 1983. Abstract only. WR 192
[Commonwealth Inst. Parasitol., St. Albans, Hertfordshire, England] *Holopterus spinosus.*

84-001801 Kilpi, Mikael. POPULATION TRENDS AND SELECTION OF NEST-SITES IN *LARUS ARGENTATUS* AND *L. FUSCUS* ON THE FINNISH COAST. *Ornis Fenn.* 60(2):45-50. 1983. In English with Finnish summ. WR 192
[Zool. Mus., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki, Finland]

84-001802 King, Ben F. and Michael D. Gallagher. FIRST RECORD OF GREAT KNOT *CALIDRIS TENUIROSTRIS* IN OMAN, EASTERN ARABIA. *Bull. Br. Ornithol. Club* 103(4):139-140. Dec. 1983. WR 192
[Ornithol. Dep., Am. Mus. Nat. Hist., Central Park West at 79th St., New York, NY 10024]

84-001803 Kleen, Vernon M. 1983 SURVEY OF ILLINOIS HERON COLONIES. *Ill. Dep. Conserv. Periodic Rep.* No. 23. 9p. 1983. WR 192
[Nat. Heritage Section, Dep. Conserv., Springfield, IL 62706]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001804 Konrad, Paul M. THIRD RECORD OF A COMMON MOORHEN IN NORTH DAKOTA. *Prairie Nat.* 15(3):144. Sept. 1983. WR 192
[418-18 St., Bismarck, ND 58501] *Gallinula chloropus*.

84-001805 Korpi, Ray. WHOOPING CRANE. *Nebr. Bird Rev.* 51(3):83. Sept. 1983. WR 192
[2002 Dogwood Circle, Bellevue, NE 68005] *Grus americana* in Nebraska.

84-001806 Koubek, Petr. HOSPODÁŘSKÝ VÝZNAM RACKA CHECHTAVÉHO (*LARUS RIDIBUNDUS* L.). [THE ECONOMIC IMPORTANCE OF THE BLACK-HEADED GULL (*LARUS RIDIBUNDUS* L.).] *Vertebr. Zprávy* 1982:47-50. 1982. In Czech with English summ. WR 192

84-001807 Krabbe, Niels. BALD IBIS (*GERONTICUS EREMITA*) SEEN ON MIGRATION IN ISRAEL. *Ornithol. Soc. Middle East Bull.* 10:13. 1983. WR 192
[Møllegade 21, 2200 Copenhagen, Denmark]

84-001808 Lambert, Anne. PIPING PLOVERS ON LONG POINT, 1978. *Long Point Bird Observatory Annu. Rep.* 1978:10-11. Jan. 1981. WR 192
*Charadrius melodus* in Canada.

84-001809 Lambert, F. R. and R. F. Grimmett. BALD IBIS (*GERONTICUS EREMITA*) IN ISRAEL. *Ornithol. Soc. Middle East Bull.* 10:12. 1983. WR 192
[15 Bramble Rise, Westdene, Brighton BN1 5GE, England]

84-001810 Lambert, Kurt. HINWEISE ZUR FELDORNITHOLOGISCHEN BESTIMMUNG DER RAUBMÖWEN. [HINTS FOR THE FIELD ORNITHOLOGICAL IDENTIFICATION OF SKUAS.] *Falke* 28(2):42-51. Feb. 1981. In German. WR 192
Stercorariidae.

84-001811 Langley, C. H. BIOLOGY OF THE LITTLE BITTERN IN THE SOUTHWESTERN CAPE. *Ostrich* 54(2):83-94. June 1983. WR 192
[Rondevlei Bird Sanctuary, Fishermans Walk, Zeekoevlei, South Africa 7800] *Ixobrychus minutus payesii* in South Africa.

84-001812 Larue, Chris and Kerry Hoffman. ARTIFICIAL INCUBATION AND HAND-REARING OF CRANES. *Int. Zoo Yearb.* 21:215-217. 1981. WR 192
[Int. Crane Foundation, Baraboo, WI 53913]

84-001813 Lifjeld, Jan. STOMACH CONTENT ANALYSES OF THE DUNLIN *CALIDRIS ALPINA*: BIAS DUE TO DIFFERENTIAL DIGESTIBILITY OF PREY ITEMS. *Fauna Norv. Ser. C Cinclus* 6(1):43-46. 1983. In English with Norwegian summ. WR 192
[Univ. Oslo, Zool. Inst., Post-box 1050, Blindern, N-Oslo 3, Norway]

84-001814 Lisetski, A. S. and A. N. Gudina. [RECORD OF THE BLACK-WINGED STILT IN KHARKOV REGION.] *Ornitologiya* 18:167-168. 1983. In Russian. WR 192
*H. himantopus* in USSR.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001815 Lysenko, V. I. [NESTING OF WADERS IN ZAPOROZHE REGION.] *Ornitologiya* 18:168. 1983. In Russian. WR 192

84-001816 Lysenko, V. I. [NEW RECORDS OF WADERS IN ZAPOROZHE REGION.] *Ornitologiya* 18:168. 1983. In Russian. WR 192

84-001817 Machikunas, A. [SOME ASPECTS OF BEHAVIOUR OF THE COMMON SNIPE DURING A BREEDING PERIOD.] *Ornitologiya* 18:198-199. 1983. In Russian. WR 191
*Capella gallinago.*

84-001818 Marisova, I. V. and M. F. Samofalov. [THE FAUNA OF WADERS IN CHERNIGOV REGION.] *Ornitologiya* 18:168-169. 1983. In Russian. WR 192

84-001819 Martin, Fritz. ÜBERWINTERNDER SILBERREIHER IM KREIS TORGAU. [OVERWINTERING GREAT WHITE HERON IN THE TORGAU DISTRICT.] *Falke* 28(2):65. Feb. 1981. In German. WR 192
*Egretta alba.*

84-001820 Mathews, N. and C. D. McQuaid. THE FEEDING ECOLOGY OF THE SLATEY EGRET (*EGRETTA VINACEIGULA*). *Afr. J. Ecol.* 21(4):235-240. Dec. 1983. In English with French summ. WR 192
[Dep. Zool., Univ. Cape Town, Rondebosch 7700, South Africa]

84-001821 McCaskie, Guy. ANOTHER LOOK AT THE WESTERN AND YELLOW-FOOTED GULLS. *West. Birds* 14(2):85-107. 1983. WR 192
[San Diego Nat. Hist. Mus., P.O. Box 1390, San Diego, CA 92112] *Larus livens* and *L. occidentalis* in North America.

84-001822 McLaughlin, J. Daniel. GROWTH AND DEVELOPMENT OF *CYCLOCOELUM MUTABILE* (CYCLOCOELIDAE) IN COOTS, *FULICA AMERICANA* (GM.). *J. Parasitol.* 69(3):617-620. June 1983. WR 192
[Dep. Biol., Loyola Campus, Concordia Univ., 7141 Sherbrooke St. W., Montreal, Quebec, Canada H4B 1R6]

84-001823 McMinn, Séan. CRANES IN KENT IN OCTOBER 1982. *Br. Birds* 76(10):451-452. Oct. 1983. WR 192
[Dungeness Bird Observatory 11 RNSSS Cottages, Dungeness, Romney Marsh, Kent, England] *Grus grus* in England.

84-001824 Michelmore, Frances and William L. R. Oliver. HAND-REARING AND DEVELOPMNET OF BARE-FACED IBIS CHICKS *GERONTICUS EREMITA* AT THE JERSEY WILDLIFE PRESERVATION TRUST; WITH COMPARATIVE OBSERVATIONS OF PARENT-REARING BEHAVIOUR. *Dodo (J. Jersey Wildl. Preserv. Trust)* No. 19. p. 51-59. 1982. WR 92
[Jersey Wildl. Preserv. Trust, Les Augrès Manor, Trinity, Jersey, Channel Islands, United Kingdom]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001825 Miller, E. H. SOUNDS OF SHOREBIRDS 1. INTRODUCTION AND METHODS OF ANALYSIS. *Wader Study Group Bull.* No. 38. p. 35-37. Aug. 1983. WR 192
[Vertebr. Zool. Div., Provincial Mus., Victoria, British Columbia, Canada V8V 1X4]

84-001826 Moll, Karl-Heinz. STORCH KLAPPERT IM FLUGE. [STORK CHATTERS IN FLIGHT.] *Falke* 28(6):207. June 1981. In German. WR 192
*Ciconia* spp.

84-001827 Moon, S. J. LITTLE WHIMBREL: NEW TO BRITAIN AND IRELAND. *Br. Birds* 76(10):438-445. Oct. 1983. WR 192
[Rooklands, 36 Hookland Rd., Newton, Porthcowl, Mid Glamorgan, Scotland] *Numenuis minutus.*

84-001828 Moon, Steve. LITTLE WHIMBREL AT SKER, MID GLAMORGAN. *Nat. Wales New Ser.* 1(2):84. 1982. WR 192
*Numenius minutus* in Wales.

84-001829 Moore, Peter J. MARSH CRAKE AT LAKE WAIRARAPA. *Notornis* 30(3):246-248. Sept. 1983. WR 192
[182 Tutere St., Waikanae Beach, New Zealand] *Porzana pusilla.*

84-001830 Murray, Bertram G., Jr. NOTES ON THE BREEDING BIOLOGY OF WILSON'S PHALAROPE. *Wilson Bull.* 95(3):472-475. Sept. 1983. WR 192
[Dep. Biol. Sci., Livingston Coll., Rutgers Univ., New Brunswick, NJ 08903] *Phalaropus tricolor* in North Dakota.

84-001831 Myers, J. P.; J. C. Maron; E. Ortiz T.; G. Castro V.; M. A. Howe; R. I. G. Morrison and B. A. Harrington. RATIONALE AND SUGGESTIONS FOR A HEMISPHERIC COLOR-MARKING SCHEME FOR SHOREBIRDS: A WAY TO AVOID CHAOS. *Wader Study Group Bull.* No. 38. p. 30-32. Aug. 1983. WR 192
[Acad. Nat. Sci., 19th & Parkway, Philadelphia, PA 19103]

84-001832 Nankinov, Dimiter and Andon Daraktchiev. LE GOÉLAND MARIN (*LARUS MARINUS* L.) IN BULGARIE. [THE GREAT BLACK-BACKED GULL *LARUS MARINUS* IN BULGARIA.] *Alauda* 51(4):313. In French. WR 192
[Inst. Zool., Acad. Sci. Bulgaria, Blvd. Rouski 1, 1000 Sofia, Bulgaria]

84-001833 Nazarov, Yu. N. [NESTING OF THE WATERCOCK IN THE USSR.] *Ornitologiya* 18:170-172. 1983. In Russian. WR 192
*Gallicrex cinerea* in USSR.

84-001834 Nechaev, V. A. [NESTING WADERS IN SAKHALIN ISLAND.] *Ornitologiya* 18:172-173. 1983. In Russian. WR 192

84-001835 Niebuhr, Virginia and David McFarland. NEST-RELIEF BEHAVIOUR IN THE HERRING GULL. *Anim. Behav.* 31(3):701-707. Aug. 1983. WR 192
[Univ. Pa. School Vet. Med., 3800 Spruce St., Philadelphia 19104] *Larus argentatus.*

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001836 Niebuhr, Virginia. FEEDING STRATEGIES AND INCUBATION BEHAVIOUR OF WILD HERRING GULLS: AN EXPERIMENT USING OPERANT FEEDING BOXES. *Anim. Behav.* 31(3):708-717. Aug. 1983. WR 192
[Univ. Pa. School Vet. Med., 3800 Spruce St., Philadelphia 19104] *Larus argentatus* in England.

84-001837 Nisbet, I. C. T. DEFECATION BEHAVIOR OF TERRITORIAL AND NONTERRITORIAL COMMON TERNS (*STERNA HIRUNDO*). *Auk* 100(4):1001-1002. Oct. 1983. WR 192
[6208 Lakeview Dr., Falls Church, VA 22041]

84-001838 Nol, Erica. RESPONSES OF KILLDEER TO MOUNTED NEST PREDATORS. *Long Point Bird Observatory Annu. Rep.* 1979:20-22. Nov. 1982. WR 192
*Charadrius vociferus* in Canada.

84-001839 Nol, Erica. STUDIES ON NESTING KILLDEERS. *Long Point Bird Observatory Annu. Rep.* 1978:8-9. Jan. 1981. WR 192
*Charadrius vociferus* in Canada.

84-001840 Østergaard, Egon. POMERANSFUGLENS *EUDROMIAS MORINELLUS* TRÆK OG FOREKOMST I DANMARK. [MIGRATION OF THE DOTTEREL *EUDROMIAS MORINELLUS* AND ITS OCCURRENCE IN DENMARK.] *Dan. Ornithol. Foren. Tidsskr.* 76(1-2):15-20. 1982. In Danish with English summ. WR 192
[Tulstrupvej 20, 7430 Ikast, Denmark]

84-001841 Ochagov, D. M. [JOINT NESTING OF THE RINGED PLOVER AND THE LITTLE RINGED PLOVER ALONG ENISEI RIVER.] *Ornitologiya* 18:199. 1983. In Russian. WR 192
*Charadrius hiaticula* and *C. dubius* in USSR.

84-001842 Ostapenko, V. A.; S. F. Begunov and G. N. Fomicheva. [THE ROSS' GULL IN THE NORTH-EAST OF THE USSR.] *Ornitologiya* 18:199. 1983. In Russian. WR 192
*Rhodostethia rosea* in USSR.

84-001843 Pajusalu, K. ALBINOOTILINE HALLHAIBUR (*ARDEA CINEREA*). [AN ALBINOTIC COMMON HERON (*ARDEA CINEREA*).] *Loodusevaatlusi* 1980(1):193-194. 1982. In Estonian with Russian and English summ. WR 192

84-001844 Panchenko, S. G. and V. G. Sulik. [RECENT STATUS OF WADERS FAUNA IN VOROSHILOVGRAD REGION.] *Ornitologiya* 18:176. 1983. In Russian. WR 192

84-001845 Parr, R. A. THE GOLDEN PLOVER. *Inst. Terrestrial Ecol. Annu. Rep.* p. 81-82. WR 192
*Pluvialis apricaria.*

84-001846 Parris, R. W. LATE NESTING ATTEMPT BY AN AMERICAN WOODCOCK. *Kingbird* 33(4):253. 1983. WR 192
[State Univ. N.Y., Dep. Environ. & For. Biol., Coll. Environ. Sci. & For., Syracuse 13210] *Scolopax minor* in New York.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001847 Payne, Robert B. and Lawrence L. Master. BREEDING OF A MIXED PAIR OF WHITE-SHIELDED AND RED-SHIELDED AMERICAN COOTS IN MICHIGAN. *Wilson Bull.* 95(3):467-469. Sept. 1983. WR 192
[Mus. Zool., Univ. Mich., Ann Arbor 48109] *Fulica americana* and *F. caribaea.*

84-001848 Phillips, Barbara. CONFRONTATION AT GREAT MEADOWS. *Bird Observer East Mass.* 11(5):285. Oct. 1983. WR 192
[Watertown, MA] *Ardea herodias* and *Botaurus lentiginosus* in Massachusetts.

84-001849 Pienkowski, M. W. and Ann Pienkowski. WSG PROJECT ON THE MOVEMENT OF WADER POPULATIONS IN WESTERN EUROPE: EIGHTH PROGRESS REPORT. *Wader Study Group Bull.* No. 38. p. 13-22. Aug. 1983. WR 192
[Dep. Zool., Univ. Durham, South Rd., Durham DH1 3LE, England]

84-001850 Pienkowski, Michael W. THE EFFECTS OF ENVIRONMENTAL CONDITIONS ON FEEDING RATES AND PREY-SELECTION OF SHORE PLOVERS. *Ornis Scand.* 14(3):227-238. Sept. 1983. WR 192
[Dep. Zool., Univ. Durham, South Rd., Durham DH1 3LE, England] *Charadrius hiaticula* and *Pluvialis squatarola* in England.

84-001851 Pierce, R. J. THE CHARADRIIFORMS OF A HIGH-COUNTRY RIVER VALLEY. *Notornis* 30(3):169-185. Sept. 1983. WR 192
[Dep. Zool., Univ. Otago, Dunedin, New Zealand]

84-001852 Pierce, Raymond J. A COMPARATIVE ECOLOGICAL STUDY OF PIED AND BLACK STILTS IN SOUTH CANTERBURY. *Ph.D. dissertation, Univ. Otago (New Zealand)* 288p. Aug. 1982. WR 192
*Himantopus novaezealandiae* and *H. himantopus leucocephalus* in New Zealand.--Courtesy/R.A. Ryder.

84-001853 Piest, Linden A. FIRST NESTING RECORDS OF WILSON'S PHALAROPE IN ARIZONA. *West. Birds* 14(2):111. 1983. WR 192
[Coop. Wildl. Res. Unit, 214 Biological Sciences East, Univ. Ariz., Tucson 85721] *Phalaropus tricolor.*

84-001854 Pitman, Robert; Michael Newcomer; John Butler; James Cotton and Gary Friedrichsen. A CRESTED AUKLET FROM BAJA CALIFORNIA. *West. Birds* 14(1):47-48. 1983. WR 192
[Oreg. Inst. Mar. Biol., Charleston 97420] *Aethia cristatella* in Mexico.

84-001855 Ponomareva, T. S. [POSTEMBRYONIC DEVELOPMENT OF THE HOUBARA BUSTARD (*CHLAMYDOTIS UNDULATA*) NESTLINGS.] *Zool. Zh.* 62(8):1221-1231. Aug. 1983. In Russian with English summ. WR 192
[All-Union Res. Inst. Nat. Conserv. & Reserves, Moscow, USSR]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001856 Prokofiev, S. M. [SPECIES COMPOSITION AND NUMBER OF WADERS IN THE STEPPE AND FOREST-STEPPE ZONE IN KHAKASSIA.] *Ornitologiya* 18:178. 1983. In Russian. WR 192

84-001857 Pugesek, Bruce H. THE RELATIONSHIP BETWEEN PARENTAL AGE AND REPRODUCTIVE EFFORT IN THE CALIFORNIA GULL (*LARUS CALIFORNICUS*). *Behav. Ecol. Sociobiol.* 13(3):161-171. Sept. 1983. WR 192
[Dep. Biol. Sci., Bowling Green State Univ., Bowling Green, OH 43403]

84-001858 Quinney, Terry and Joanne Siderius. THE ONTARIO HERONRY INVENTORY: 1979. *Long Point Bird Observatory Annu. Rep.* 1979:13-14. Nov. 1982. WR 192

84-001859 Radford, D. J. HERRING GULL LOCATING FOOD WITH FEET. *Br. Birds* 76(10):453-454. Oct. 1983. WR 192
[4 High Ridge, Alton, Hampshire, England] *Larus argentatus.*

84-001860 Radford, D. J. CRAB-EATING TECHNIQUE OF CURLEW. *Br. Birds* 76(10):453. Oct. 1983. WR 192
[4 High Ridge, Alton, Hampshire, England] *Numenius arquata* in England.

84-001861 Randla, T. KEVADISEST METSKURVITSAJAHIST. [ON THE SPRING HUNT ON THE WOODCOCK.] *Loodusevaatlusi* 1980(1):75-78. 1982. In Estonian with Russian and English summ. WR 192
*Scolopax rusticola* in the USSR.

84-001862 Ravkin, Yu. S. [WADERS IN SOUTHERN TAIGA NEAR LOWER ANGARA RIVER.] *Ornitologiya* 18:178-179. 1983. In Russian. WR 192

84-001863 Reed, J. Michael and Samuel J. Ha. ENHANCED FORAGING EFFICIENCY IN FORSTER'S TERNS. *Wilson Bull.* 95(3):479-481. Sept. 1983. WR 192
[Dep. Zool., Univ. Mont., Missoula 59812] *Sterna forsteri* in Virginia.

84-001864 Reed, T. M.; J. C. Barrett; C. Barrett and D. R. Langslow. DIURNAL VARIABILITY IN THE DETECTION OF DUNLIN *CALIDRIS ALPINA*. *Bird Study* 30(3):244-246. Nov. 1983. WR 192
[Nat. Conserv. Council, P.O. Box 6, Godwin House, Huntingdon, Cambridgeshire, England]

84-001865 Rees, E. I. S. LITTLE AUKS SCAVENGING AT TRAWLER. *Br. Birds* 76(10):454. Oct. 1983. WR 192
[Carreg y Gad, Llanfairpwll, Gwynedd, Wales] *Alle alle.*

84-001866 Reichholf, Josef. FLUGFISCHEN VON SILBER- *CASMERODIUS ALBUS* UND SCHNEEREIHERN *EGRETTA THULA* AM MITTLEREN AMAZONAS. [FISHING BEHAVIOR OF *CASMERODIUS ALBUS* AND *EGRETTA THULA* IN MIDDLE AMAZONIA.] *Verh. Ornithol. Ges. Bayern* 23(5/6):530. Oct. 1983. In German. WR 192
[Zool. Staatssammlung, Maria-Ward-Str. 1b, 8000 Munich 19, West Germany]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001867 Rezanov, A. G. [WINTER WADERS FAUNA IN KYZYL-AGACH RESERVE.] *Ornitologiya* 18:179. 1983. In Russian. WR 192

84-001868 Riddiford, Nick. CALL OF TUNDRA RINGED PLOVER. *Br. Birds* 76(11):534-535. Nov. 1983. WR 192
[Bird Observatory, Fair Isle, Shetland, Scotland] *Charadrius hiaticula tundrae* in Scotland.

84-001869 Rikardsen, Fritz. AN EARLY SPRING OBSERVATION OF THE LESSER BLACK-BACKED GULL *LARUS FUSCUS FUSCUS* IN NORTH NORWAY. *Fauna Norv. Ser. C Cinclus* 6(2):116. 1983. In English with Norwegian summ. WR 192
[Tromsø Mus., Zool. Dep., N-9000 Tromsø, Norway]

84-001870 Rizvanov, G. F.; T. G. Bukuna and M. I. Braude. [SPECIFIC INCUBATION OF A CLUTCH BY THE REDSHANK ON LAND-RECLAMATION TERRITORIES.] *Ornitologiya* 18:199-200. 1983. In Russian. WR 192
*Tringa totanus* in USSR.

84-001871 Robel, Detlef. NACHWEISE VON BRACHSCHWALBEN IN DER DDR. [REPORTS OF PRATINCOLES IN EAST GERMANY.] *Falke* 29(1):24-25. Jan. 1982. In German. WR 192
*Glareola pratincola* and *G. nordamanni*.

84-001872 Robertson, William B., Jr.; Lorraine L. Breen and Barbara W. Patty. MOVEMENT OF MARKED ROSEATE SPOONBILLS IN FLORIDA WITH A REVIEW OF PRESENT DISTRIBUTION. *J. Field Ornithol.* 54(3):225-236. 1983. WR 192
[Everglades Natl. Park, P.O. Box 279, Homestead, FL 33030] *Ajaia ajaja*.

84-001873 Rubinstein, N. A. [WADERS FAUNA IN PECHORA-ILYCH RESERVE.] *Ornitologiya* 18:179-180. 1983. In Russian. WR 192

84-001874 Rubio Garcia, J. C.; M. Rodriguez de los Santos and R. Santa Rosa. REPRODUCTION DE LA CIGOGNE BLANCHE (*CICONIA CICONIA*) DANS LES MARISMAS DU GUADALQUIVIR (ESPAGNE). [THE BREEDING WHITE STORKS *CICONIA CICONIA* OF THE "MARISMAS", THE GUADALQUIVIR RIVER (SPAIN).] *Alauda* 51(4):251-258. 1983. In French with Spanish and English summ. WR 192
[Dep. Ecol., Fac. Biol., Seville, Spain]

84-001875 Rundle, W. Dean and Mark W. Sayre. FEEDING ECOLOGY OF MIGRANT SORAS IN SOUTHEASTERN MISSOURI. *J. Wildl. Manage.* 47(4):1153-1159. Oct. 1983. WR 192
[U.S. Fish & Wildl. Serv., Hatchie Natl. Wildl. Refuge, P.O. Box 187, Brownsville, TN 38012] *Porzana carolina*.

84-001876 Sallee, G. William. MIXED HERONRIES OF OKLAHOMA. *Proc. Okla. Acad. Sci.* 62:53-56. 1982. WR 192
[U.S. Army Corps of Eng., Tulsa Dist., P.O. Box 61, Tulsa, OK 74121]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001877 Schönle, Eugen. BEOBACHTUNGEN AN EINER KLEINEN POPULATION DES FLUßREGENPFEIFERS *CHARADRIUS DUBIUS*. [OBSERVATIONS ON A SMALL POPULATION OF LITTLE RINGED PLOVERS *CHARADRIUS DUBIUS*.] *Ornithol. Beob.* 80(3):183-189. Sept. 1983. In German with English summ. WR 192
[Rotackerstr. 29, 8304 Wallisellen, Switzerland]

84-001878 Schaffner, Fred C. A SANDWICH TERN IN CALIFORNIA. *West. Birds* 12(4):181-182. 1981. WR 192
[Dep. Zool., San Diego State Univ., San Diego, CA 92182] *Sterna sandvicensis*.

84-001879 Schick, Charles T. WEIGHT LOSS IN SANDERLINGS *CALIDRIS ALBA* AFTER CAPTURE. *Wader Study Group Bull.* No. 38. p. 33-34. Aug. 1983. WR 192
[Bodega Bay Lab., P.O. Box 247, Bodega Bay, CA 94923]

84-001880 Schmidt, Reinhard. UMSIEDLUNG EINES BRUTPAARES DER ZWERGSEESCHWALBE ÜBER DIE DISTANZ VON 150 KM. [RESETTLEMENT OF A BREEDING PAIR OF LITTLE TERNS OVER A DISTANCE OF 150 KILOMETERS.] *Falke* 28(6):204. June 1981. In German. WR 192
*Sterna albifrons*.

84-001881 Schubert, Stephan. RALLENREIHER UND WEIßFLÜGELSEESCHWALBE IN DER OBERLAUSITZ. [SQUACCO HERON AND WHITE-WINGED BLACK TERN IN OBERLAUSITZ.] *Falke* 28(6):211. June 1981. In German. WR 192
*Ardeola ralloides* and *Chlidonias leucoptera*.

84-001882 Shadick, Stan. POSSIBLE GREAT BLACK-BACKED GULL IN SASKATCHEWAN. *Blue Jay* 41(4):213-214. Dec. 1983. WR 192
[3F-1800 Main St., Saskatoon, Saskatchewan, Canada S7H 4B3] *Larus marinus* in Canada.

84-001883 Skinner, N. J. THE OCCURRENCE OF WADERS AT SUVA POINT, FIJI. *Notornis* 30(3):227-232. Sept. 1983. WR 192
[Univ. Botswana, P. Bag 0022, Gaborone, Botswana] Data for 16 spp.

84-001884 Skrylkov, A. I. [NUMBER AND DISTRIBUTION OF WADERS ON CHEBARKUL LAKE.] *Ornitologiya* 18:180. 1983. In Russian. WR 192

84-001885 Smith, K. W. THE STATUS AND DISTRIBUTION OF WADERS BREEDING ON WET LOWLAND GRASSLANDS IN ENGLAND AND WALES. *Bird Study* 30(3):177-192. Nov. 1983. WR 192
[RSPB, The Lodge, Sandy, Bedfordshire SG19 2DL, England]

84-001886 Stallknecht, Peter. DER KRANICH IM RHINLUCH. [THE CRANE IN RHINLUCH.] *Falke* 28(10):344-347. Oct. 1981. In German. WR 192

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001887 Steltloperringroep F. F. F. DECREASES IN THE WEIGHTS OF DUNLINS AND CURLEWS IN THE DUTCH WADDEN SEA DURING A COLD SPELL. *Wader Study Group Bull.* No. 38. p. 11-12. Aug. 1983. WR 192
*Calidris alpina* and *Numenius arquata*.

84-001888 Stempniewicz, Lech. GLAUCOUS GULLS STEALING SPOIL FROM PARASITIC JAEGERS. *J. Field Ornithol.* 54(3):331. 1983. WR 192
[Dep. Anim. Ecol., Inst. Biol., Gdańsk Univ., Czolgistów 46, 81-378 Gdynia, Poland] *Larus hyperboreus* and *Stercorarius parasiticus* in Norway.

84-001889 Stenchenko, A. M. [SUMMER OCCURRENCE OF THE ROSS' GULL IN KAMCHATKA.] *Ornitologiya* 18:180. 1983. In Russian. WR 192
*Rhodostethia rosea*.

84-001890 Stotskaya, E. E. [PROLONGED INCUBATION OF AN EMPTY NEST BY A PAIR OF THE GREY HERON.] *Ornitologiya* 18:204. 1983. In Russian. WR 192
*Ardea cinera*.

84-001891 Sullivan, K. PATCH EXPLOITATION AND RESOURCE DEFENSE IN MIGRATING RUDDY TURNSTONES (*ARENARIA INTREPRES*). *Am. Zool.* 23(4):898. 1983. Abstract only. WR 192
[Rutgers Univ., Newark, NJ]

84-001892 Sutherland, W. J. FOOD SUPPLY AND DISPERSAL IN THE DETERMINATION OF WINTERING POPULATION LEVELS OF OYSTERCATCHERS, *HAEMATOPUS OSTRALEGUS*. *Estuarine Coastal Shelf Sci.* 14(2):223-229. 1982. From Ecol. Abstr. 1982/6:82L/8445. 1982. WR 192

84-001893 Swann, R. L. and A. D. K. Ramsay. MOVEMENTS FROM AND AGE OF RETURN TO AN EXPANDING SCOTTISH GUILLEMOT COLONY. *Bird Study* 30(3):207-214. Nov. 1983. WR 192
[18 Balmacaan Rd., Drumnadrochit, Inverness-shire IV3 6UR, Scotland] *Uria aalge*.

84-001894 Tallman, Erika Jansic. AN ANALYSIS OF THE TREMATODE FAUNA OF TWO INTERCONTINENTAL MIGRANTS: *TRINGA SOLITARIA* AND *CALIDRIS MELANOTOS* (AVES: CHARADRIIFORMES). *Ph.D. dissertation, La. State Univ. & Agric. & Mech. Coll.* 135p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):1028. Oct. 1983 WR 192

84-001895 Tatarinkova, I. P. [NESTING OF WADERS IN AINOVY ISLANDS.] *Ornitologiya* 18:181. 1983. In Russian. WR 192

84-001896 Tautin, John; Paul H. Geissler; Robert E. Munro and Richard S. Pospahala. MONITORING THE POPULATION STATUS OF AMERICAN WOODCOCK. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 48:376-388. 1983. WR 192
[U.S. Fish & Wildl. Serv., Laurel, MD] *Scolopax minor*.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001897 Taylor, P. B. A MELANISTIC COMMON SNIPE *GALLINAGO GALLINAGO* NEAR NAIROBI: AN EXAMPLE OF 'SABINE'S SNIPE'? *Scopus* 7(2):50-51. June 1983. WR 192
[Box 25038, Nairobi, Kenya]

84-001898 Telfair, Raymond C. II. ATYPICALLY COLORED LITTLE BLUE HERON EGGS. *Wilson Bull.* 95(3):481-482. Sept. 1983. WR 192
[Dep. Wildl. & Fish. Sci., Tex. A&M Univ., College Station 77843] *Egretta caerulea.*

84-001899 Thomas, Callum S. THE RELATIONSHIPS BETWEEN BREEDING EXPERIENCE, EGG VOLUME AND REPRODUCTIVE SUCCESS OF THE KITTIWAKE *RISSA TRIDACTYLA*. *Ibis* 125(4):567-574. Oct. 1983. WR 192
[Dep. Zool., Univ. Durham, South Rd., Durham DH1 3LE, England]

84-001900 Tilba, P. A. [WADERS IN THE WEST COASTAL PART OF THE CAUCASUS.] *Ornitologiya* 18:181-182. 1983. In Russian. WR 192

84-001901 Toft, Geir Olav. SANDEEL, *AMMODYTIDAE*, A RARE PREY TAKEN BY THE OYSTERCATCHER *HAEMATOPUS OSTRALEGUS*. *Fauna Norv. Ser. C Cinclus* 5(2):95-96. 1982. In English with Norwegian summ. WR 192
[Dep. Anim. Ecol., Zool. Mus., N-5000 Bergen, Norway]

84-001902 Tolchin, V. A. [NESTING WADERS IN A LOWLAND NEAR THE NORTH-EASTERN COAST OF BAIKAL LAKE.] *Ornitologiya* 18:182-183. 1983. In Russian. WR 192

84-001903 Tomkovich, P. S. and S. Yu. Fokin. [ON THE ECOLOGY OF THE TEMMINCK'S STINT IN NORTHEAST SIBERIA.] *Ornitologiya* 18:40-56. 1983. In Russian with English summ. WR 192
*Calidris temminckii* in USSR.

84-001904 Tree, A. J. GREENSHANK STUDIES. *Safring News* 11(1):18-20. 1982. WR 192
[101 Lomagundi Rd., Harare, Zimbabwe] *Tringa nebularia* in Zimbabwe.

84-001905 Tschanz, Beat. CENSUS METHODS FOR GUILLEMOTS *URIA AALGE* IN A HIGHLY STRUCTURED BREEDING HABITAT. *Fauna Norv. Ser. C Cinclus* 6(2):87-104. 1983. In English with Norwegian summ. WR 192
[Ethol. Stn. Hasli, Univ. Bern, Wohlenstr. 50a, CH-3032 Hinterkappelen, Switzerland]

84-001906 Tsybulin, S. M. [WADERS IN THE KAZYM RIVER BASIN (WEST SIBERIA).] *Ornitologiya* 18:185. 1983. In Russian. WR 192

84-001907 Tuule, E. SUURKOOVITAJA (*NUMENIUS ARQUATA*) ELUPAIGALISEST LEVIKUST JA PESITSUSAEGSEST ASUSTUSTIHEDUSEST SAUE ÜMBRUSES. [ON THE DISTRIBUTION AND NESTING DENSITY OF THE CURLEW (*NUMENIUS ARQUATA*) IN THE

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001907 CONTINUED VICINITY OF SAUE.] *Loodusevaatlusi* 1980(1):91-96. 1982. In Estonian with Russian and English summ. WR 192

84-001908 Twydle, Margaret and Wayne Twydle. SOUTH ISLAND PIED OYSTERCATCHERS NESTING IN HAWKES BAY. *Notornis* 30(3):197-198. Sept. 1983. WR 192
[124 Nelson Crescent, Napier, New Zealand] *Haematopus ostralegus finschi*.

84-001909 Ulbricht, Joachim. ZUM GEHÄUFTEN ERSCHEINEN VON RAUBMÖWEN IN DER DDR. [ON INCREASED OCCURRENCES OF STERCORARIIDAE IN EAST GERMANY.] *Falke* 28(6):188-193. June 1981. In German. WR 192

84-001910 Umrikhina, G. S. and E. A. Popov. [MIGRATION AND NESTING OF THE BLACK-WINGED STILT AND THE COLLARED PRATINCOLE IN THE CHU RIVER VALLEY.] *Ornitologiya* 18:183. 1983. In Russian. WR 192
*H. himantopus* and *Glareola pratincola* in USSR.

84-001911 Van Impe, Jacques. HET MOGELIJK VOORKOMEN VAN *NUMENIUS ARQUATA ORIENTALIS* IN BELGIE EN IN NEDERLAND. [THE POSSIBLE OCCURRENCE OF *NUMENIUS ARQUATA ORIENTALIS* IN BELGIUM AND THE NETHERLANDS.] *Gerfaut* 72:337-340. 1982. In Dutch with French and English summ. WR 192
[Inst. Hyg. & Epidemiol., Dep. Milieu, rue Juliette Wytsman 14, B-1050 Brussels, Belgium]

84-001912 van Rhijn, Johan G. ON THE MAINTENANCE AND ORIGIN OF ALTERNATIVE STRATEGIES IN THE RUFF *PHILOMACHUS PUGNAX*. *Ibis* 125(4):482-498. Oct. 1983. WR 192
[Dep. Zool., Univ. Groningen, P.O. Box 14, 9750 AA Haren, Netherlands]

84-001913 Wallace, D. I. M. LAPWINGS ROBBING GOLDEN PLOVERS. *Br. Birds* 76(10):452-453. Oct. 1983. WR 192
[68 Selby Rd., Holme on Spalding Moor, by York Y04 4EU, England] *Vanellus vanellus* and *Pluvialis apricaria*.

84-001914 Wallander, Johan and Jan Mogren. RINGNÄBBAD MÅS *LARUS DELAWARENSIS* FÖR FÖRSTA GÅNGEN ANTRÄFFAD I SVERIGE. [FIRST RECORD OF RING-BILLED GULL, *LARUS DELAWARENSIS*, IN SWEDEN.] *Vår Fågelvärld* 42(6):431-433. 1983. In Swedish with English smm. WR 192
[Bronsfyndsgatan 43, 421 63 Västra Frölunda, Sweden]

84-001915 Walter, J. C. AN UNEXPECTED SIGHTING OF RED-NECKED AVOCET *RECURVIROSTRA NOVAEHOLLANDIAE* AND CHICKS. *Sunbird* 13(2):40-41. 1983. WR 192
[9 Hill St., Pittsworth, Queensland 4356, Australia]

84-001916 Waltner, M. UNUSUAL WADERS AT LANGEBAAN. *Safring News* 10:9-11. 1981. WR 192
[5 Montague Way, Pinelands, Cape, 7405, South Africa] *Charadrius mongolus* and *Phalaropus lobatus* in South Africa.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-001917 Watchler, Dick and Gloria Watchler. BLACK-LEGGED KITTIWAKE IN ROSEAU COUNTY. *Loon* 55(3):123. 1983. WR 192
[17 Oakridge Dr., Birchwood, MN 55110] *Rissa tridactyla* in Minnesota.

84-001918 Wehle, D. H. S. THE FOOD, FEEDING, AND DEVELOPMENT OF YOUNG TUFTED AND HORNED PUFFINS IN ALASKA. *Condor* 85(4):427-442. Nov. 1983. WR 192
[R.D. 3 Box 346, Trumansburg, NY 14886] *Fratercula cirrhata* and *F. corniculata*.

84-001919 Weir, Douglas. THE NORTHUMBERLAND ALEUTIAN TERN. *Br. Birds* 76(10):459-460. Oct. 1983. WR 192
[Creagdhu, Newtonmore, Highland PH20 1BP, Scotland] *Sterna aleutica*.

84-001920 Woolcock, David. WATTLED CRANES AT PARADISE PARK, HAYLE, CORNWALL. PART TWO. *Ratel* 10(4):106-109. Dec. 1983. WR 192
*Bugeranus carunculatus*.

84-001921 Zink, Robert M. and David W. Winkler. GENETIC AND MORPHOLOGICAL SIMILARITY OF TWO CALIFORNIA GULL POPULATIONS WITH DIFFERENT LIFE HISTORY TRAITS. *Biochem. Syst. Ecol.* 11(4):397-403. 1983. WR 192
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720] *Larus californicus* in California and Utah.

84-001922 Zubakin, V. A. and S. P. Kharitonov. [FIRST RECORD OF MEDITERRANEAN GULL IN MOSCOW REGION.] *Ornitologiya* 18:167. 1983. In Russian. WR 192
*Larus melanocephalus* in USSR.

84-001923 Zubakin, V. A.; M. I. Lebedeva and O. V. Sukhanova. [NESTING OF THE WHITE STORK IN SMOLENSK AND MOSCOW REGIONS.] *Ornitologiya* 18:166-167. 1983. In Russian. WR 192
*C. ciconia* in USSR.

84-001924 Zykova, L. Yu. and E. N. Panov. [THE INFLUENCE OF NUMBERS AND DENSITY OF NESTING COLONIES ON REPRODUCTIVE SUCCESS IN HERRING GULL *LARUS ARGENTATUS CACHINNANS*.] *Zool. Zh.* 62(10):1533-1540. Oct. 1983. In Russian with English summ. WR 192
[Inst. Anim. Evol., Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR]

SEABIRDS AND ALLIES

84-001925 Adams, Nigel J. and Christopher R. Brown. METABOLIC RATES OF SUB-ANTARCTIC PROCELLARIIFORMES: A COMPARATIVE STUDY. *Comp. Biochem. Physiol. A Comp. Physiol.* 77(1):169-173. 1984. WR 192
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa] Data for 10 spp.

SEABIRDS AND ALLIES (CONTINUED)

84-001926 Adams, Nigel J. and Christopher R. Brown. DIVING DEPTHS OF THE GENTOO PENGUIN (*PYGOSCELIS PAPUA*). *Condor* 85(4):503-504. Nov. 1983. WR 192
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

84-001927 Belik, V. P. [NESTING OF THE CORMORANT AT LOWER DON RIVER.] *Ornitologiya* 18:187. 1983. In Russian. WR 192
*Phalacrocorax alba* in USSR.

84-001928 Cassidy, R. J. THE AUSTRLIAN GANNET IN AFRICAN WATERS. *Ostrich* 54(3):182. Sept. 1983. WR 192
[Transvaal Mus., P.O. Box 413, Pretoria 0001, South Africa] *Morus serrator* in South Africa.

84-001929 Clark, L.; R. E. Ricklefs and R. W. Schreiber. NEST-SITE SELECTION BY THE RED-TAILED TROPICBIRD. *Auk* 100(4):953-959. Oct. 1983. WR 192
[Dep. Biol., Univ. Pa., Philadelphia 19104] *Phaethon rubricauda* on Christmas Island.

84-001930 Clarke, M. R. and P. A. Prince. CEPHALOPOD REMAINS IN REGURGITATIONS OF BLACK-BROWED AND GREY-HEADED ALBATROSSES AT SOUTH GEORGIA. *Br. Antarct. Surv. Bull.* 54:1-7. 1981. From Ecol. Abstr. 1982/6:82L/8427. 1982. WR 192
*Diomedea chrysostoma* and *D. melanophris*.

84-001931 Clarke, M. R.; J. P. Croxall and P. A. Prince. CEPHALOPOD REMAINS IN REGURGITATIONS OF THE WANDERING ALBATROSS *DIOMEDEA EXULANS* L. AT SOUTH GEORGIA. *Br. Antarct. Surv. Bull.* 54:9-22. 1981. From Ecol. Abstr. 1982/6:82L/8428. 1982. WR 192

84-001932 Conant, Sheila and Mark S. Collins. FRIGATEBIRD NESTS WITH TWO CHICKS. *'Elepaio* 44(4):37-38. Oct. 1983. WR 192
[Dep. Gen. Sci., Univ. Hawaii Manoa, 2450 Campus Rd., Honolulu 96822] *Fregata minor* in Hawaii.

84-001933 Condy, P. R. OBSERVATIONS ON PENGUINS IN THE KING HAAKON VII SEA. *S. Afr. J. Antarct. Res.* 9:29-32. 1979. From Ecol. Abstr. 1982/6:82L/8501. 1982. WR 192
*Pygoscelis adeliae* and *Aptenodytes forsteri*.

84-001934 Cowan, A. N. "LARGE" SNOW PETRELS (*PAGODROMA NIVEA*) BREEDING AT THE SOUTH SANDWICH ISLANDS. *Notornis* 30(3):250-252. Sept. 1983. WR 192
[6A Vancouver St., Red Hill, ACT, 2603, Australia]

84-001935 Cowan, A. N. A MODIFIED PENGUIN STOMACH TUBE. *Corella* 7(3):59-61. Sept. 1983. WR 192
[6a Vancouver St., Red Hill, A.C.T. 2603, Australia] *Pygoscelis adeliae*.

SEABIRDS AND ALLIES (CONTINUED)

84-001936 Cowan, Alan N. THE KERGUELEN PETREL AT THE SOUTH SANDWICH ISLANDS. *Australasian Seabird Group Newsl.* No. 18. p. 16. Aug. 1983. WR 192
[64 Vancouver St., Red Hill, ACT, Australia 2603] *Pterodroma brevirostris.*

84-001937 Croxall, J. P.; D. M. Rootes and R. A. Price. INCREASES IN PENGUIN POPULATIONS AT SIGNY ISLAND, SOUTH ORKNEY ISLANDS. *Br. Antarct. Surv. Bull.* 54:47-56. 1981. From Ecol. Abstr. 1982/6:82L/8502. 1982. WR 192
*Pygoscelis antarctica, Pygoscelis adeliae, Pygoscelis papua* and *Eudyptes chrysolophus.*

84-001938 Frost, P. G. H. SEABIRD DISTRIBUTION AND THE TRANSPORT OF NUTRIENTS FROM MARINE TO TERRESTRIAL ECOSYSTEMS. *S. Afr. J. Antarct. Res.* 9:20-27. 1979. From Ecol. Abstr. 1982/6:82L/8503. 1982. WR 192

84-001939 Haftorn, Svein and Jean-Francois Voisin. THE SOUTHERN GIANT PETREL *MACRONECTES GIGANTEUS* (GMELIN) ON BOUVET ISLAND. *Fauna Norv. Ser. C Cinclus* 5(1):47-48. 1982. In English with Norwegian summ. WR 192
[Univ. Trondheim, The Museum, Erling Skakkesgt. 47A, N-7000 Trondheim, Norway]

84-001940 Harris, M. P. SEABIRD COUNTS MADE DURING A CROSSING OF THE SOUTHERN INDIAN AND ATLANTIC OCEANS. *Br. Antarct. Surv. Bull.* 55:105-109. 1982. From Ecol. Abstr. 1982/6:82L/8505. 1982. WR 192

84-001941 Heneman, Burr. GILL NETS AND SEABIRDS 1983. *Point Reyes Bird Observatory Newsl.* 63:1-3, 10. 1983. WR 192

84-001942 Hui, C. A. ENERGETICS OF PENGUIN SWIMMING. *Am. Zool.* 23(4):956. 1983. Abstract only. WR 192
[Naval Oceans Systems Cent., San Diego, CA] *Spheniscus humboldti.*

84-001943 James, Paul C. STORM PETREL TAPE LURES: WHICH SEX IS ATTRACTED? *Ringing Migration* 4(4):249-253. Oct. 1983. WR 192
[Edward Grey Inst., Zool. Dep., South Parks Rd., Oxford OX1 3PS, England] *Hydrobates pelagicus* in Wales.

84-001944 Jouventin, P.; G. de Monicault and J. M. Blosseville. LA DANSE DE L'ALBATROS, *PHOEBETRIA FUSCA.* [THE NUPTIAL DISPLAY OF THE ALBATROSS, *PHOEBETRIA FUSCA.*] *Behaviour* 78(1-2):43-80. 1981. In French with English summ. WR 192
[Lab. Evol. Vertebr., Lab. Ornithol. & Mammal., Mus. Natl. Hist. Nat., Paris, France]

84-001945 Kotagama, S. W. A FURTHER ADDITION TO THE SEA BIRDS OF SRI LANKA *BULWERIA FALLAX* (JOUANINS PETREL). *Loris* 15(3):171. June 1980. WR 192

SEABIRDS AND ALLIES (CONTINUED)

84-001946 Kriel, F. and E. O'Niel. PRODUCTION OF COLOUR PVC RINGS FOR THE CAPE GANNET AND THE CAPE CORMORANT. *Safring News* 11(1):3-4. 1982. WR 192
[Sea Fish. Inst., Private Bag X2, Roggebaai, Cape Town 8012, South Africa] *Morus capensis* and *Phalacrocorax capensis* in South Africa.

84-001947 Langridge, H. P. FIRST RECORD OF MANX SHEARWATER FOR THE GULF COAST OF FLORIDA. *Fla. Field Nat.* 11(3):54. Aug. 1983. WR 192
[1421 W. Ocean Ave., Lantana, FL 33462] *Puffinus puffinus*.

84-001948 McCallum, D. Archibald and Harry E. LeGrand, Jr. FURTHER INFORMATION ON TROPICBIRDS IN THE CAROLINAS. *Chat* 47(3):69-70, 75. 1983. WR 192
[Rt. 2, Box 3, Thoreau, NM 87323] *Phaethon lepturus* and *P. aethereus*.

84-001949 Murphy, C. W. and N. J. Redman. AN INLAND RECORD OF RED-BILLED TROPICBIRD (*PHAETHON AETHEREUS*) IN ISRAEL. *Ornithol. Soc. Middle East Bull.* 10:10-11. 1983. WR 192
[3 Sinclair Dr., Liverpool 18, England]

84-001950 Page, G. W;. L. E. Stenzel and D. G. Ainley. BEACHED BIRD CARCASSES AS A MEANS OF EVALUATING NATURAL AND HUMAN-CAUSED SEABIRD MORTALITY. FINAL REPORT. *Point Reyes Bird Observatory (Stinson Beach, Calif.)* DOE/EV/10254-T1. 150p. 1 June 1982. From U.S. Government Reports 83(8):1474. 15 Apr. 1983. Available from NTIS as DE82016736. WR 192

84-001951 Payne, P. Michael; Kevin D. Powers and James E. Bird. OPPORTUNISTIC FEEDING ON WHALE FAT BY WILSON'S STORM-PETRELS IN THE WESTERN NORTH ATLANTIC. *Wilson Bull.* 95(3):478-479. Sept. 1983. WR 192
[Manomet Bird Observatory, Manomet, MA 02345] *Oceanites oceanicus*.

84-001952 Safina, Carl; Dave Peterson and Michael Scheibel. DOUBLE-CRESTED CORMORANTS BREEDING ON GARDINER'S ISLAND. *Kingbird* 33(4):244-245. 1983. WR 192
[Natl. Audubon Soc., Scully Sanctuary, 306 S. Bay Ave., Islip, NY 11751] *Phalacrocorax auritus* in New York.

84-001953 Simons, Theodore Raymond. BIOLOGY AND CONSERVATION OF THE ENDANGERED HAWAIIAN DARK-RUMPED PETREL (*PTERODROMA PHAEOPYGIA SANDWICHENSIS*). *Ph.D. dissertation, Univ. Wash.* 301p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):966. Oct. 1983. WR 192

84-001954 Stevenson, Miranda F. REPORT ON CAPTIVE BREEDING OF THE ROCKHOPPER PENGUIN (*EUDYPTES CRESTATUS*) AND THE KING PENGUIN (*APTENODYTES PATAGONICA*). *Ratel* 10(4):123-125. Dec. 1983. WR 192

84-001955 Tomkins, R. J. FERTILISATION OF WANDERING ALBATROSS EGGS ON MACQUARIE ISLAND. *Notornis* 30(3):244-246. Sept. 1983. WR 192
[64 Tompson Rd., Revesby, New South Wales, Australia] *Diomedea exulans*.

SEABIRDS AND ALLIES (CONTINUED)

84-001956 Tomkins, R. J. PURPLE BILL FLUSHES AND PINK EAR MARKS ON WANDERING ALBATROSS ON MACQUARIE ISLAND. *Australasian Seabird Group Newsl.* No. 18. p. 11-15. Aug. 1983. WR 192
[Dep. Zool., Monash Univ., Clayton, Victoria, Australia 3168] *Diomedea exulans chionoptera* in Australia.

84-001957 Vestjens, W. J. M. AUSTRALIAN PELICAN *PELECANUS CONSPICILLATUS*. *Corella* 7(1):17-18. Mar. 1983. WR 192

RAPTORS

84-001958 Aarts, Frans and Jan Jonkers. TORENVALKEN BEWAKEN GRAANPROEFVELDEN. [KESTRELS GUARD CORN TESTING FIELDS.] *Vogels* No. 14. p. 52-53. Mar.-Apr. 1983. In Dutch. WR 192
*Falco vespertinus*.

84-001959 Altman, Robert L. POST-RELEASE FLIGHT AND FORAGING BEHAVIOUR OF A BALD EAGLE HACKED IN WESTERN KENTUCKY. *Raptor Res.* 17(2):37-42. 1983. WR 192
[550 Defense Highway, Crownsville, MD 21032] *Haliaeetus leucocephalus*.

84-001960 Amadon, Dean. THE EVERGLADE KITE. *Fla. Field Nat.* 11(4):69-72. Nov. 1983. WR 192
[Am. Mus. Nat. Hist., Central Park West at 79th St., New York, NY 10024] *Rostrhamus sociabilis*.

84-001961 Anderson, Jane Elizabeth. HUNTING AREA PREFERENCE OF RAPTORS IN RANGE LANDS. *M.S. thesis, Univ. Ariz.* 36p. 1982. From Masters Abstr. 21(1):21. Mar. 1983. WR 192
*Falco sparverius* and *Buteo jamaicensis* in Arizona.

84-001962 Andrew, Jonathan M.; Charles P. Boydstun and Allan R. Pfister. BLACK-SHOULDERED KITE IN COMANCHE COUNTY, OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 16(4):30-31. Dec. 1983. WR 192
[Fish & Wildl. Branch, Dir. Engineering & Housing, Fort Sill, OK 73503] *Elanus caeruleus*.

84-001963 Anisimov, V. D. and A. V. Tikhonov. [HIGH NESTING DENSITY OF THE LONG-EARED OWL IN DANUBE DELTA.] *Ornitologiya* 18:186. 1983. In Russian. WR 192
*Asio otus*.

84-001964 Arnhem, Roger. DEVELOPMENT OF LEGAL PROTECTION FOR RAPTORS IN BELGIUM. *Hawk Trust Annu. Rep.* 11:24-29. 1981. WR 192
English translation of article by Roger Arnhem in *L'Homme et l'Oiseau*.

84-001965 Barker, Timothy. PREDATORY BEHAVIOUR OF THE OSPREY. *Trent Univ. Ecol. Dep. Biol. Bull.* 7(1):1-3. 1983. WR 192
*Pandion haliaetus*.

RAPTORS (CONTINUED)

84-001966 Beissinger, Steven R. and Jean E. Takekawa. HABITAT USE BY AND DISPERSAL OF SNAIL KITES IN FLORIDA DURING DROUGHT CONDITIONS. *Fla. Field Nat.* 11(4):89-106. Nov. 1983. WR 192
[School Nat. Resour., Univ. Mich., Ann Arbor 48109] *Rostrhamus sociabilis plumbeus.*

84-001967 Bennike, Ole and Jon Feilberg. HAVØRN *HALIAETUS ALBICILLA* YNGLENDE VED DISKO BUGT, VESTGRØNLAND, 1981. [WHITE-TAILED EAGLE *HALIAETUS ALBICILLA* BREEDING AT DISKO BUGT, WEST GREENLAND.] *Dan. Ornithol. Foren. Tidsskr.* 76(1-2):73. 1982. In Danish with English summ. WR 192
[Geol. Mus., Øster Volgade 5-7, 1350 Copenhagen K, Denmark]

84-001968 Benson, P. C. PREVENTION OF GOLDEN EAGLE ELECTROCUTION. FINAL REPORT. *Brigham Young Univ. (Provo, Utah)* EPRI-EA-2680. 81p. Oct. 1982. From U.S. Government Reports 83(11):2347. 27 May 1983. Available from NTIS as DE83900517. WR 192
*Aquila chrysaetos* in the United States.

84-001969 Bercovitz, Arden Bryan; Jan Collins; Paul Price and Dale Tuttle. NONINVASIVE ASSESSMENT OF SEASONAL HORMONE PROFILE IN CAPTIVE BALD EAGLES (*HALIAEETUS LEUCOCEPHALUS*). *Zoo Biol.* 1(2):111-117. 1982. WR 192
[San Diego Zoo Res. Dep., San Diego, CA 92112]

84-001970 Bergo, Gunnar. WEIGHTS OF SOME TAWNY OWLS *STRIX ALUCO* FOUND DEAD DURING A COLD SPELL. *Fauna Norv. Ser. C Cinclus* 6(1):52. 1983. In English with Norwegian summ. WR 192
[Dep. Anim. Ecol., Zool. Mus., Univ. Bergen, N-5000 Bergen, Norway]

84-001971 Bloom, Peter H. NOTES ON THE DISTRIBUTION AND BIOLOGY OF THE FLAMMULATED OWL IN CALIFORNIA. *West. Birds* 14(1):49-52. 1983. WR 192
[Dep. Biol., Calif. State Univ., Long Beach 90840] *Otus flammeolus.*

84-001972 Bloom, Peter H. and Stephen J. Hawks. NEST BOX USE AND REPRODUCTIVE BIOLOGY OF THE AMERICAN KESTREL IN LASSEN COUNTY, CALIFORNIA. *Raptor Res.* 17(1):9-14. 1983. WR 192
[Natl. Audubon Soc., Condor Res. Cent., 87 N. Chestnut St., Ventura, CA 93001] *Falco sparverius.*

84-001973 Boswell, Elizabeth. OBSERVATIONS OF A PAIR OF LANNER FALCONS *F. BIARMICUS* NESTING IN IRINGA, TANZANIA. *EANHS (East Afr. Nat. Hist. Soc.) Bull.* p. 32-34. May/June 1983. WR 192
[P.O. Box 23, Mufindi, Tanzania]

84-001974 Briefe, B. NAGRA FEGLEKTIONER KRING ETT FYND AV SAVAL STAPPORN *AQUILA RAPAX* SOM MINDRE SKRIKORN *AQUILA POMARINA* PÅ ÖLAND. [A RECORD OF STEPPE EAGLE, *AQUILA RAPAX*, AND LESSER SPOTTED EAGLE, *AQUILA POMARINA*, ON ÖLAND.] *Calidris* 82(1):79-82. 1982. From Ecol. Abstr. 1982/6:82L/8486. 1982. In Swedish with English summ. WR 192

RAPTORS (CONTINUED)

84-001975 Brooke, R. K.; T. B. Oatley; M. E. Hurly and D. W. Kurtz. THE SOUTH AFRICAN DISTRIBUTION AND STATUS OF THE NOMINATE RACE OF THE BARRED OWL. *Ostrich* 54(3):173-174. Sept. 1983. WR 192
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa] *Glaucidium capense*.

84-001976 Bruning, Donald. BREEDING CONDORS IN CAPTIVITY FOR RELEASE INTO THE WILD. *Zoo Biol.* 2(3):245-252. 1983. WR 192
[Dep. Ornithol., N.Y. Zool. Soc., 185th St. & Southern Blvd., Bronx 10460] *Vultur gryphus*.

84-001977 Castrale, John S.; Larry E. Lehman and George C. Iverson. SUMMER PREY OF A BARN OWL IN SOUTH-CENTRAL INDIANA WITH ADDITIONAL RECORDS OF OCCURRENCE. *Indiana Audubon Q.* 61(4):158-161. Nov. 1983. WR 192
[R.R. 2, Box 477, Mitchell, IN 47446] *Tyto alba*.

84-001978 Clark, William S. THE FIELD IDENTIFICATION OF NORTH AMERICAN EAGLES. *Am. Birds* 37(5):822-826. Sept.-Oct. 1983. WR 192
[P.O. Box 1161, Annandale, VA 22003] *Haliaeetus leucocephalus* and *Aquila chrysaetos*.

84-001979 Colvin, Bruce A. and Steven R. Spaulding. WINTER FORAGING BEHAVIOR OF SHORT-EARED OWLS (*ASIO FLAMMEUS*) IN OHIO. *Am. Midl. Nat.* 110(1):124-128. July 1983. WR 192
[Cent. Environ. Res. & Serv., Bowling Green State Univ., Bowling Green, OH 43403]

84-001980 Cugnasse, Jean-Marc. CONTRIBUTION À L'ÉTUDE DU HIBOU GRAND-DUC, *BUBO BUBO*, DANS LE SUD DU MASSIF CENTRAL. [CONTRIBUTION TO THE STUDY OF THE EAGLE OWL, *BUBO BUBO*, OF THE SOUTH OF MASSIF CENTRAL.] *Nos Oiseaux* 37(3):117-128. Sept. 1983. In French with English and German summ. WR 192
[Lieuran-Cabrières, F-34800 Clermont-l'Hérault, France]

84-001981 Dancey, Helen E. WINTER FORAGING HABITS OF A SNOWY OWL. *Indiana Audubon Q.* 61(4):136-144. Nov. 1983. WR 192
[314 Salem Rd., Valparaiso, IN 43683] *Nyctea scandiaca* in Indiana.

84-001982 Dathe, Heinrich. ERLEBNISSE MIT SEEADLERN. [EXPERIENCES WITH WHITE-TAILED EAGLES.] *Falke* 28(3):85. Mar. 1981. In German. WR 192
*Haliaeetus albicilla*.

84-001983 Davis, William J. THE EAGLES HAVE LANDED. *Mass. Wildl.* 34(1):2-8. Mar.-Apr. 1983. WR 192
*Haliaeetus leucocephalus* in Massachusetts.

84-001984 Debus, S. J. S. FOOD OF THE WHISTLING KITE AT ARMIDALE, N.S.W. *Corella* 7(3):62-63. Sept. 1983. WR 192
[P.O. Box 1015, Armidale, New South Wales 2350, Australia] *Haliastur sphenurus* in Australia.

RAPTORS (CONTINUED)

84-001985 Docherty, D. E.; R. I. Romaine and R. L. Knight. ISOLATION OF A HERPESVIRUS FROM A BALD EAGLE NESTLING. *Avian Dis.* 27(4):1162-1165. Oct.-Dec. 1983. WR 192
[U.S. Fish & Wildl. Serv., Natl. Wildl. Health Lab., 6006 Schroeder Rd., Madison, WI 53711] *Haliaeetus leucocephalus.*

84-001986 Douglas, M. H. THE LAUGHING OWL (*SCELOGLAUX ALBIFACIES*). *Review (J. Tussock Grasslands Mountain Lands Inst.)* 39:51-60. Dec. 1980. WR 192

84-001987 Ducey, Jim and John Kirby. AN ANALYSIS OF WINTER LONG-EARED OWL PELLETS FROM LANCASTER COUNTY, NEBRASKA. *Nebr. Bird Rev.* 51(3):79-82. Sept. 1983. WR 192
[910 N. 49th St., Omaha, NE 68132] *Asio otus.*

84-001988 Eckstein, Ronald G. and Fred Johnson. OSPREYS QUICKLY ACCEPT A NEST PLATFORM. *Passenger Pigeon* 45(3):78-79. 1983. WR 192
[Wis. Dep. Nat. Resour., Ranger Stn. Box 576, Rhinelander 54501] *Pandion haliaetus* in Wisconsin.

84-001989 Elliott, Bruce G. DEFENSIVE BEHAVIOR OF AN IMMATURE CALIFORNIA CONDOR. *West. Birds* 12(3):139-140. 1981. WR 192
[Dep. Fish & Game, 2201 Garden Rd., Monterey, CA 93940] *Gymnogyps californianus* in California.

84-001990 Elliott, Charles L. and Cathy A. Cowan. THE FOOD HABITS OF AN AMERICAN KESTREL (*FALCO SPARVERIUS*) IN INTERIOR ALASKA. *Murrelet* 64(2):63-64. 1983. WR 192
[Agric. Exp. Stn., School Agric. & Land Resour. Manage., 301 O'Neill, Univ. Alaska, Fairbanks 99701]

84-001991 Enderson, James H. and Monte N. Kirven. FLIGHTS OF NESTING PEREGRINE FALCONS RECORDED BY TELEMETRY. *Raptor Res.* 17(2):33-37. 1983. WR 192
[Dep. Biol., Colo. Coll., Colorado Springs 80903] *Falco peregrinus* in California.

84-001992 Ensign, John Thomas. NEST SITE SELECTION, PRODUCTIVITY, AND FOOD HABITS OF FERRUGINOUS HAWKS IN SOUTHEASTERN MONTANA. *M.S. thesis, Mont. State Univ.* 85p. June 1983. WR 192
*Buteo regalis.*--Courtesy/Robert L. Eng.

84-001993 Fitzner, Richard E. and Norman E. Woodley. *CARNUS HEMAPTERUS* NITZSCH FROM SWAINSON'S HAWK. *Raptor Res.* 17(1):28-29. 1983. WR 192
[Ecol. Sci. Dep., Battelle, Pacific Northwest Lab., Box 999, Richland, WA 99352] *Buteo swainsoni* in Washington.

84-001994 Follen, Don G., Sr. OSPREY BROOD WITH FOUR YOUNG. *Passenger Pigeon* 45(2):47-48. 1983. WR 192
[9201 Rock Inn Rd., Arpin, WI 54410] *Pandion haliaetus* in Wisconsin.

RAPTORS (CONTINUED)

84-001995 Follen, Don G., Sr. HARRIER NESTING EXPLOSION - 1981. *Passenger Pigeon* 45(2):45-47. 1983. WR 192
[9201 Rock Inn Rd., Arpin, WI 54410] *Circus cyaneus* in Wisconsin.

84-001996 Forren, John D. ARTIFICIAL PERCH USE BY RAPTORS ON RECLAIMED SURFACE MINES IN WEST VIRGINIA. *M.S. thesis, W. Va. Univ.* 199p. 1981. From Raptor Res. 17(1):30. 1983. Abstract only. WR 192
*Falco sparverius, Buteo jamaicensis,* and *Bubo virginianus.*

84-001997 Fraser, James D.; L. D. Frenzel; John E. Mathisen and Mark E. Shough. THREE ADULT BALD EAGLES AT AN ACTIVE NEST. *Raptor Res.* 17(1):29. 1983. WR 192
[Dep. Fish. & Wildl. Sci., Va. Polytech. Inst. & State Univ., Blacksburg 24061] *Haliaeetus leucocephalus* in Minnesota.

84-001998 Frost, R. A. INSECT FOOD OF HOBBY. *Br. Birds* 76(10):449-450. Oct. 1983. WR 192
[66 St. Lawrence Rd., North Wingfield, Chesterfield, Derbyshire S42 5LL, England] *Falco subbuteo* in England.

84-001999 Gawlik, Dale. MOUSE TRAP RECOVERED IN HARRIER NEST. *Raptor Res.* 17(2):62. 1983. WR 192
[3218 Post Rd., Stevens Point, WI 54481] *Circus cyaneus* in Wisconsin.

84-002000 Geesaman, J. A. EVALUATION OF AN INSTRUMENTED EGG FOR MONITORING HEART RATE OF INCUBATING HAWKS. *Utah State Univ. (Logan)* DOE/ID/01674-T2. 10p. 1980. From U.S. Government Reports 83(8):1462. 15 Apr. 1983. Available from NTIS as DE82014300. WR 192

84-002001 Geller, Greg A. and Stanley A. Temple. SEASONAL TRENDS IN BODY CONDITION OF JUVENILE RED-TAILED HAWKS DURING AUTUMN MIGRATION. *Wilson Bull.* 95(3):492-495. Sept. 1983. WR 192
[Dep. Wildl. Ecol., Univ. Wis., Madison 53706] *Buteo jamaicensis* in Wisconsin.

84-002002 Gilbert, Sheryl; Paul Tomassoni and Pamela A. Kramer. HISTORY OF CAPTIVE MANAGEMENT AND BREEDING OF BALD EAGLES *HALIAEETUS LEUCOCEPHALUS* AT THE NATIONAL ZOOLOGICAL PARK. *Int. Zoo Yearb.* 21:101-109. 1981. WR 192
[Dep. Ornithol., Natl. Zool. Park, Washington, DC 20008]

84-002003 Gilmer, David S.; Paul M. Konrad and Robert E. Stewart. NESTING ECOLOGY OF RED-TAILED HAWKS AND GREAT HORNED OWLS IN CENTRAL NORTH DAKOTA AND THEIR INTERACTIONS WITH OTHER LARGE RAPTORS. *Prairie Nat.* 15(3):133-143. Sept. 1983. WR 192
[U.S. Fish & Wildl. Serv., 6924 Tremont Rd., Dixon, CA 95620] *Buteo jamaicensis* and *Bubo virginianus.*

84-002004 Grover, Karl Eugene. ECOLOGY OF THE OSPREY ON THE UPPER MISSOURI RIVER, MONTANA. *M.S. thesis, Mont. State Univ.* 58p. Mar. 1983. WR 192
*Pandion haliaetus.*--Courtesy/Robert L. Eng.

RAPTORS (CONTINUED)

84-002005 Grzybowski, Joseph A. GYRFALCON IN OKLAHOMA CITY: SOUTHERNMOST RECORD FOR NORTH AMERICA. *Bull. Okla. Ornithol. Soc.* 16(4):27-29. Dec. 1983. WR 192
[1701 Lenox, Norman, OK 73069] *Falco rusticolus* in Oklahoma.

84-002006 Höhn, E. Otto. FEMALE COOPER'S HAWK BREEDING IN BROWN PLUMAGE, APPARENTLY FOR FOUR YEARS. *Blue Jay* 41(4):208-210. Dec. 1983. WR 192
[Dep. Physiol., Univ. Alberta, Edmonton, Alberta, Canada T6G 2H7] *Accipiter cooperii* in Canada.

84-002007 Hardy, J. W. THE USE OF FALCONRY HOODS IN HANDLING AUSTRALIAN KESTRELS. *Corella* 7(2):41-42. June 1983. WR 192
[P.O. Box 66, Springwood, New South Wales 2777, Australia] *Falco cenchroides*.

84-002008 Harper, R. Given and Thomas C. Dunstan. LIVE NORTHERN HARRIER ENTRAPPED IN ICE. *J. Field Ornithol.* 54(3):328. 1983. WR 192
[Dep. Biol. Sci., West. Ill. Univ., Macomb 61455] *Circus cyaneus* in Illinois.

84-002009 Hayward, Gregory D. and Edward O. Garton. FIRST NESTING RECORD FOR BOREAL OWL IN IDAHO. *Condor* 85(4):501. Nov. 1983. WR 192
[Dep. Wildl. Resour., Univ. Idaho, Moscow 83843] *Aegolius funereus*.

84-002010 Herren, Hans. SCHELLADLER *AQUILA CLANGA* BEI HERZOGENBUCHSEE BE. [GREATER SPOTTED EAGLE *AQUILA CLANGA* AT HERZOGENBUCHSEE BE.] *Ornithol. Beob.* 80(3):210-211. Sept. 1983. In German. WR 192

84-002011 Horsnell, Judith A. BROAD-WINGED HAWK NEST IN MAPLEWOOD. *Loon* 55(3):127. 1983. WR 192
[Maplewood Nat. Cent., 2659 E. Seventh St., Maplewood, MN 55119] *Buteo platypterus* in Minnesota.

84-002012 Hughes, Jeff. OSPREY--THE MAGNIFICENT FISHHAWK. *Alaska Fish Tales Game Trails* 15(4):18-19, 35. 1983. WR 192
[Dep. Fish & Game, Anchorage, AK] *Pandion haliaetus*.

84-002013 Hustler, Kit. BREEDING BIOLOGY OF THE GREATER KESTREL. *Ostrich* 54(3):129-140. Sept. 1983. WR 192
[Hwange Natl. Park, Private Bag DT 5776, Dete, Zimbabwe] *Falco rupicoloides* in South Africa.

84-002014 Hustler, Kit. BREEDING BIOLOGY OF THE PEREGRINE FALCON IN ZIMBABWE. *Ostrich* 54(3):161-171. Sept. 1983. WR 192
[Hwange Natl. Park, Private Bag DT 5776, Dete, Zimbabwe] *Falco peregrinus*.

84-002015 Hustler, Kit. INCUBATORY BEHAVIOUR OF THE BAT HAWK. *Ostrich* 54(3):156-160. Sept. 1983. WR 192
[Hwange Natl. Park, Private Bag DT 5776, Dete, Zimbabwe] *Macheiramphus alcinus* in Zimbabwe.

RAPTORS (CONTINUED)

84-002016 Isaacs, Frank B.; Robert G. Anthony and Robert J. Anderson. DISTRIBUTION AND PRODUCTIVITY OF NESTING BALD EAGLES IN OREGON, 1978-1982. *Murrelet* 64(2):33-38. 1983. WR 192
[Oreg. Coop. Wildl. Res. Unit, Dep. Fisheries & Wildl., Oreg. State Univ., Corvallis 97331] *Haliaeetus leucocephalus.*

84-002017 Ishunin, G. I. and N. V. Soldatova. [FOOD OF THE LONG-EARED OWL DURING WINTERING IN SOUTH KYZYL KUM'.] *Ornitologiya* 18:196-197. 1983. In Russian. WR 192
*Asio otus* in USSR.

84-002018 Jaksić, Fabian M. THE TROPHIC STRUCTURE OF SYMPATRIC ASSEMBLAGES OF DIURNAL AND NOCTURNAL BIRDS OF PREY. *Am. Midl. Nat.* 109(1):152-162. Jan. 1983. WR 192
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720]

84-002019 James, A. H. and J. Wattel. *BUTEO TACHARDUS* SMITH, 1830, PREOCCUPIED BY *BUTEO TACHARDUS* VIEILLOT, 1823. *Ostrich* 54(2):126. June 1983. WR 192
[Inst. Taxon. Zool., Zool. Mus., Postbus 20125, 1000 HC Amsterdam, Netherlands]

84-002020 James, A. H. and J. Wattel. THE NOMENCLATURE OF *BUTEO OREOPHILUS*. *Bull. Br. Ornithol. Club* 103(4):128-133. Dec. 1983. WR 192
[Inst. Taxon. Zoöl., Zoöl. Mus., Postbus 20125, 1000 HC Amsterdam, Netherlands]

84-002021 Jørgensen, Hans Erik; Per Bomholt; Søren Bøgelund and Peter E. Jensen. YNGLEBESTANDEN AF RØRHØG *CIRCUS AERUGINOSUS* I DANMARK 1979-1981. [THE BREEDING POPULATION OF THE MARSH HARRIER *CIRCUS AERUGINOSUS* IN DENMARK 1979-1981.] *Dan. Ornithol. Foren. Tidsskr.* 76(1-2):3-14. 1982. In Danish with English summ. WR 192
[Tvaerengen 13, Svogerslev, 4000 Roskilde, Denmark]

84-002022 Königstedt, Dietmar and Detlef Robel. STEPPENADLER ODER KAISERADLER? [TAWNY EAGLE OR IMPERIAL EAGLE?] *Falke* 28(2):55-57. Feb. 1981. In German. WR 192
*Aquila nipalensis* or *A. heliaca.*

84-002023 Keister, George P., Jr. and Robert G. Anthony. CHARACTERISTICS OF BALD EAGLE COMMUNAL ROOSTS IN THE KLAMATH BASIN, OREGON AND CALIFORNIA. *J. Wildl. Manage.* 47(4):1072-1079. Oct. 1983. WR 192
[Dep. Fish & Wildl., Box 8, Hines, OR 97738] *Haliaeetus leucocephalus.*

84-002024 Knudsen, Eric I. EARLY AUDITORY EXPERIENCE ALIGNS THE AUDITORY MAP OF SPACE IN THE OPTIC TECTUM OF THE BARN OWL. *Science* 222(4626):939-942. 25 Nov. 1983. WR 192
[Dep. Neurobiol., Stanford Univ. School Med., Stanford, CA 94304] *Tyto alba.*

RAPTORS (CONTINUED)

84-002025 Korshunova, E. N. and E. N. Korshunov. [THE LAMMERGEIER IN NURYATINSKI RESERVE.] *Ornitologiya* 18:106-108. 1983. In Russian with English summ. WR 192
*Gypaetus barbatus* in USSR.

84-002026 Król, Wojciech. WYNIKI OBRACZKOWANIA PTAKÓW W POLSCE. WEDRÓWKI MYSZOBOWÓW *BUTEO BUTEO BUTEO*. [BIRD RINGING RESULTS IN POLAND. MIGRATION OF THE BUZZARDS *BUTEO BUTEO BUTEO*.] *Acta Ornithol. (Warsaw)* 19(6):137-151. 31 Jan. 1983. In Polish with Russian and English summ. WR 192
[Ornithol. Stn., Inst. Zool., Polish Acad. Sci., 80-680 Gdańsk 40, Poland]

84-002027 Kushlan, James A. and Oron L. Bass, Jr. THE SNAIL KITE IN THE SOUTHERN EVERGLADES. *Fla. Field Nat.* 11(4):108-111. Nov. 1983. WR 192
[U.S. Natl. Park Serv., South Fla. Res. Cent., P.O. Box 279, Homestead 33030] *Rostrhamus sociabilis*.

84-002028 Lambeth, Sharon and David Lambeth. PRAIRIE FALCON OBSERVATIONS. *Loon* 55(3):122-123. 1983. WR 192
[1909 - 20th Ave. South, Grand Forks, ND 58201] *Falco peregrinus* in Minnesota.

84-002029 Lendrum, A. L. PHOTOGRAPHIC RECORD OF A JACKAL BUZZARD IN ZIMBABWE. *Ostrich* 54(2):128. June 1983. WR 192
[49 Nairn Rd., Hillside, Bulawayo, Zimbabwe] *Buteo rufofuscus*.

84-002030 Lepoutre, D.; J. Barrat; Michèle Guitet and J. Blancou. CONTRIBUTION A L'ÉTUDE DE LA BIOLOGIE DE QUELQUES RAPACES EN FRANCE. [CONTRIBUTION TO BIOLOGICAL STUDY OF SOME BIRDS OF PREY IN FRANCE.] *Rev. Méd. Vét. (Toulouse)* 134(8-9):481-493. Aug.-Sept. 1983. In French with German, Spanish and English summ. WR 192
[Minist. Agric., Direction Qualité, Serv. Vét., B.P. 9, F-54220 Malzéville, France] Data for 5 falconiform species and 5 strigiforms.

84-002031 Leshem, Yossi. ISREAL'S RAPTORS: THE NEGEV AND JUDEAN DESERT. *Hawk Trust Annu. Rep.* 11:30-40. 1981. WR 192

84-002032 Lingle, Gary. PEREGRINE FALCON HARASSING GREAT HORNED OWL. *Nebr. Bird Rev.* 51(3):83. Sept. 1983. WR 192
[Platte River Trust, 2550 N. Diers Ave., Suite H, Grand Island, NE 68801] *Falco peregrinus* and *Bubo virginianus* in Nebraska.

84-002033 Mörner, Torsten and Roland Mattsson. TULAREMIA IN A ROUGH-LEGGED BUZZARD (*BUTEO LAGOPUS*) AND A URAL OWL (*STRIX URALENSIS*). *J. Wildl. Dis.* 19(4):360-361. Oct. 1983. WR 192
[Natl. Vet. Inst., S-750 07 Uppsala, Sweden]

84-002034 Maas, M. WHITE-FACED SCOPS OWL BREEDING IN KISII. *EANHS (East Afr. Nat. Hist. Soc.) Bull.* p. 32. May/June 1983. WR 192
[Cardinal Otunga High School, Mosocho, Box 520, Kisii, Kenya] *Otus leucotis* in Kenya.

RAPTORS (CONTINUED)

84-002035 Marshall, David S. PROLONGED AERIAL ENCOUNTERS BETWEEN HEN HARRIER AND GOSHAWK. *Br. Birds* 76(10):448-449. Oct. 1983. WR 192
[28E Ferrier Crescent, Aberdeen AB2 2QH, Scotland] *Circus cyaneus* and *Accipiter gentilis* in England.

84-002036 Mason, I. J. A NEW SUBSPECIES OF MASKED OWL *TYTO NOVAEHOLLANDIAE* (STEPHENS) FROM SOUTHERN NEW GUINEA. *Bull. Br. Ornithol. Club* 103(4):123-128. Dec. 1983. WR 192
[CSIRO Div. Wildl. & Rangelands Res., P.O. Box 780, Atherton, Queensland 4883, Australia] *T. n. calabyi.*

84-002037 McGarigal, Kevin and James Fraser. GREAT HORNED OWL RESPONSE IN YOUNG VERSUS OLD-GROWTH FOREST STANDS. *Va. J. Sci.* 34(3):128. 1983. Abstract only. WR 192
[Dep. Fish. & Wildl. Sci., Va. Polytech. Inst. & State Univ., Blacksburg 24061] *Bubo virginianus* in Virginia.

84-002038 Meklenburtsev, R. N. [RECORD OF *ACCIPITER BREVICEPS* OUT OF AREA.] *Ornitologiya* 18:169. 1983. In Russian. WR 192

84-002039 Millsap, Brian A. and James R. Zook. EFFECTS OF WEATHER ON ACCIPITER MIGRATION IN SOUTHERN NEVADA. *Raptor Res.* 17(2):43-56. 1983. WR 192
[Raptor Inf. Cent., Natl. Wildl. Federation, 1412 Sixteenth St. N.W., Washington, DC 20036] *Accipiter striatus* and *A. cooperii.*

84-002040 Mitchell, Bob. EAGLES ACROSS THE STATE. *Pa. Game News* 54(12):7-13. Dec. 1983. WR 192
*Haliaeetus leucocephalus* in Pennsylvania.

84-002041 Monneret, René-Jean. L'AIDE À L'ÉLEVAGE CHEZ LE FAUCON PÈLERIN. [HELP IN THE REARING OF PEREGRINE FALCONS.] *Alauda* 51(4):241-250. 1983. In French with English summ. WR 192
[Moulin du Hart, 39470 Arlay, France] *Falco peregrinus* in France.

84-002042 Mooney, Nicholas. BIRDS OF PREY IN TASMANIA. *Hawk Trust Annu. Rep.* 11:41-45. 1981. WR 192

84-002043 Nanney, Kenneth. GOSHAWK IN SOUTHERN OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 16(4):31. Dec. 1983. WR 192
[1005 Roman Rd., Grand Prairie, TX 75050] *Accipiter gentilis.*

84-002044 Neubert, Jana. UHU IM VOGTLAND. [EAGLE OWL IN VOGTLAND.] *Falke* 29(1):30. Jan. 1982. In German. WR 192
*Bubo bubo.*

RAPTORS (CONTINUED)

84-002045 Nordbakke, Roy. ON THE DIET OF THE OSPREY *PANDION HALIAETUS* IN NORWAY. *Fauna Norv. Ser. C Cinclus* 6(1):39-42. 1983. In English with Norwegian summ. WR 192
[Høgskolen i Alta, N-9510 Elvebakken, Norway]

84-002046 Ortlieb, Rudolf. DIE BESTANDSVERHÄLTNISSE DES SPERBERS IM BEZIRK HALLE. [THE STATUS OF SPARROW HAWKS IN THE HALLE DISTRICT.] *Falke* 28(3):92-95. Mar. 1981. In German. WR 192
*Accipiter nisus*.

84-002047 Parker, John. RAPTOR VAGRANTS TO BRITAIN AND NORTH-WEST EUROPE. *Hawk Trust Annu. Rep.* 11:16-21. 1981. WR 192

84-002048 Petersen, Ævar. ÓVENJULEG BRANDUGLUGANGA. [AN INFLUX OF SHORT-EARED OWLS *ASIO FLAMMEUS* IN ICELAND, AUTUMN 1982.] *Bliki* 1:12-16. May 1983. In Icelandic with English summ. WR 192
[Náttúrufræðistofnun Islands, Pósthólf 5320, 125 Reykjavík, Iceland]

84-002049 Pettifor, Richard A. SEASONAL VARIATION, AND ASSOCIATED ENERGETIC IMPLICATIONS, IN THE HUNTING BEHAVIOUR OF THE KESTREL. *Bird Study* 30(3):201-206. Nov. 1983. WR 192
[12 Fairhaven Close, Lode, Cambridgeshire CB5 9HG, England] *Falco tinnunculus* in England.

84-002050 Petty, S. J. A STUDY OF TAWNY OWLS *STRIX ALUCO* IN AN UPLAND SPRUCE FOREST. *Ibis* 125(4):592. Oct. 1983. Abstract only. WR 192

84-002051 Ponton, David A. NEST SITE SELECTION BY PEREGRINE FALCONS. *Raptor Res.* 17(1):27-28. 1982. WR 192
[Los Alamos Natl. Lab., P.O. Box 1663, Los Alamos, NM 87545] *Falco peregrinus* in New Mexico.

84-002052 Ramsay, Hamilton. ONE SPARROWHAWK KILLING ANOTHER. *Br. Birds* 76(10):449. Oct. 1983. WR 192
[The Old Rectory, Alford, Castle Cary, Somerset BA7 7PN, England] *Accipiter nisus* in England.

84-002053 Redig, Patrick T.; Alice A. Larson and Gary E. Duke. RESPONSE OF GREAT HORNED OWLS GIVEN THE OPTICAL ISOMERS OF KETAMINE. *Am. J. Vet. Res.* 45(1):125-127. Jan. 1984. WR 192
[Dep. Vet. Biol., Coll. Vet. Med., Univ. Minn., St. Paul 55108] *Bubo virginianus*.

84-002054 Reynolds, Richard T. MANAGEMENT OF WESTERN CONIFEROUS FOREST HABITAT FOR NESTING ACCIPITER HAWKS. *U.S. For. Serv. Gen. Tech. Rep.* RM-102. 7p. Aug. 1983. WR 192

RAPTORS (CONTINUED)

84-002054 CONTINUED
[Rocky Mountain For. & Range Exp. Stn., Fort Collins, CO 80526] *Accipiter striatus, A. cooperii* and *A. gentilis* in Oregon.

84-002055 Roberts, Greg J. OBSERVATIONS OF MASKED OWLS IN THE GLOUCESTER AREA, NEW SOUTH WALES. *Aust. Birds* 18(1):13-14. Oct. 1983. WR 192
[21 Kensington Ave., Seven Hills, Queensland 4170, Australia] *Tyto novaehollandiae*.

84-002056 Roberts, J. L. and D. Green. BREEDING FAILURE AND DECLINE OF MERLINS ON A NORTH WALES MOOR. *Bird Study* 30(3):193-200. Nov. 1983. WR 192
['Belmont', Old Berwyn Rd., Berwyn, Llangollen, Clwyd LL20 8AL, Wales] *Falco columbarius*.

84-002057 Robertson, Alistair. KNOWN-AGE CAPE VULTURES BREEDING IN THE WILD. *Ostrich* 54(3):179. Sept. 1983. WR 192
[Dep. Zool., Univ. Witwatersrand, 1 Jan Smuts Ave., Johannesburg 2001, South Africa] *Gyps coprotheres* in South Africa.

84-002058 Rofstad, Gunnar and Tor Ålbu. SPARROWHAWK *ACCIPITER NISUS* WITH PROBLEMS IN HANDLING AND KILLING A LARGE PREY. *Fauna Norv. Ser. C Cinclus* 6(2):115. 1983. In English with Norwegian summ. WR 192
[Dep. Zool., Univ. Trondheim, N-7055 Dragvoll, Norway]

84-002059 Rosenfield, Robert N. and Andrew Kanvik. PRECOCIOUS NEST DEFENSE BEHAVIOR BY A SHARP-SHINNED HAWK. *Raptor Res.* 17(2):62-63. 1983. WR 192
[Coll. Nat. Resour., Univ. Wis., Stevens Point 54481] *Accipiter striatus* in Wisconsin.

84-002060 Rothery, P. ESTIMATION OF AGE-SPECIFIC SURVIVAL IN HEN HARRIERS. *Inst. Terrestrial Ecol. Annu. Rep.* p. 118-119. 1982. WR 192
*Circus cyaneus*.

84-002061 Sandercox, Alison and Albert R. Buckelew, Jr. AN UNUSUAL NEST SITE AND DIET OF NORTHERN BARN-OWLS IN BETHANY, WEST VIRGINIA. *Redstart* 50(3):82-84. July 1983. WR 192
[Biol. Dep., Bethany Coll., Bethany, WV 26032] *Tyto alba*.

84-002062 Schlátter, Roberto; José Yáñez; Hernán Núñez and Favián Jaksic. ESTUDIO ESTACIONAL DE LA DIETA DEL PEQUEN, *ATHENE CUNICULARIA* (MOLINA) (AVES, STRIGIDAE) EN LA PRECORDILLERA DE SANTIAGO. [SEASONAL STUDY OF THE DIET OF *ATHENE CUNICULARIA* (MOLINA) (AVES, STRIGIDAE) NEAR LA DEHESA, SANTIAGO (CHILE).] *Medio Ambiente* 6(1):9-18. 1982. In Spanish with English summ. WR 192
[Inst. Zool., Univ. Austral Chile, Casilla 567, Valdivia, Chile]

84-002063 Schulz, Martin. NESTING OF THE SQUARE-TAILED KITE IN SOUTH-EASTERN NEW SOUTH WALES. *Aust. Birds* 18(1):6-8. Oct. 1983. WR 192
[37 Halifax St., Middle Brighton, Victoria 3186, Australia] *Lophoictinia isura*.

RAPTORS (CONTINUED)

84-002064 Scott, J. A. FURTHER NOTES ON THE BREEDING SUCCESS OF LONGCRESTED EAGLES. *Ostrich* 54(3):183. Sept. 1983. WR 192
[Busi Farm, Chipinge, Zimbabwe] *Lophaetus occipitalis* in Zimbabwe.

84-002065 Shackford, John S. SAW-WHET OWL IN CENTRAL OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 16(4):31-32. Dec. 1983. WR 192
[Rt. 1, Box 125, Oklahoma City, OK 73111] *Aegolius acadicus*.

84-002066 Shupe, Steve. FISH-EATING GREAT HORNED OWL. *Nebr. Bird Rev.* 51(3):83. Sept. 1983. WR 192
[Box 151, Peru State Coll., Peru, NE 68421] *Bubo virginianus* in Nebraska.

84-002067 Skaggs, Chad. RED-TAILED HAWK EATS CARRION. *Redstart* 50(4):119. Oct. 1983. WR 192
[Bethany, WV 26032] *Buteo jamaicensis*.

84-002068 Smalley, M. E. A MAJOR LESSER KESTREL *FALCO NAUMANNI* ROOST IN KENYA. *Scopus* 7(2):44-47. June 1983. WR 192
[Dep. Zool., Univ. Nairobi, Box 30197, Nairobi, Kenya]

84-002069 Smies, Maarten. SIMULATION OF SMALL BIRD POPULATIONS. II. REDUCED BREEDING IN TWO BRITISH RAPTOR SPECIES. *Ecol. Modelling* 20(4):279-296. Dec. 1983. WR 192
[Shell Int. Res. Maatschappij B.V., Group Toxicol. Div., P.O. Box 162, 2501 An Den Haag, Netherlands] *Accipiter nisus* and *Falco peregrinus*.

84-002070 Sørensen, Uffe Gjøl. RAPTOR MIGRATION OVER THE RED SEA MOUNTAINS NEAR PORT SAFAGA, EGYPT. *Ornithol. Soc. Middle East Bull.* 10:7-9. 1983. WR 192
[Møllegade 21. 1 tv., DK-2200 Copenhagen N, Denmark]

84-002071 Soil Conservation Service. HABITAT MANAGEMENT FOR OWLS. *U.S. Dep. Agric. Soil Conserv. Serv.* 4p. 1983. From Monthly Catalog of U.S. Government Publications 83-23291. Dec. 1983. WR 192

84-002072 Stedman, Barbara H. UNUSUAL INTERACTION BETWEEN TWO BUTEOS. *Fla. Field Nat.* 11(3):55. Aug. 1983. WR 192
[Rt. 6, Pinewood Rd., Franklin, TN 37064] *Buteo lineatus* and *B. jamaicensis* in Florida.

84-002073 Steenberg, Judie. CAPTIVE BREEDING OF AMERICAN GOLDEN EAGLES *AQUILA CHRYSAETOS CANADENSIS* AT TOPEKA ZOO BETWEEN 1969 AND 1976. *Int. Zoo Yearb.* 21:109-115. 1981. WR 192
[Topeka Zool. Park, 635 Gage Blvd., Topeka, KS 66606]

84-002074 Steenhof, Karen. PREY WEIGHTS FOR COMPUTING PERCENT BIOMASS IN RAPTOR DIETS. *Raptor Res.* 17(1):15-27. 1983. WR 192
[U.S. Bur. Land Manage., 3948 Development Ave., Boise, ID 83705]

RAPTORS (CONTINUED)

84-002075 Steenhof, Karen. ACTIVITY PATTERNS OF BALD EAGLES WINTERING IN SOUTH DAKOTA. *Raptor Res.* 17(2):57-62. 1983. WR 192
[U.S. Bur. Land Manage., 3948 Development Ave., Boise, ID 83705] *Haliaeetus leucocephalus.*

84-002076 Sweeney, T. M. and J. D. Fraser. POPULATION DYNAMICS OF BLACK AND TURKEY VULTURES. *Va. J. Sci.* 34(3):134. 1983. Abstract only. WR 192
[Dep. Fish. & Wildl. Sci., Va. Polytech. Inst. & State Univ., Blacksburg 24061] *Coragyps atratus* and *Cathartes aura* in Virginia.

84-002077 Sweet, Michael J. FIFTH ANNUAL EAGLE COUNT 2-16 JANUARY 1983. *Ill. Audubon Bull.* No. 206. p. 24-25. 1983. WR 192
[Div. For. Resour. & Nat. Heritage, Dep. Conserv., Springfield, IL 62706] *Haliaeetus leucocephalus* in Illinois.

84-002078 Sykes, Paul W., Jr. RECENT POPULATION TREND OF THE SNAIL KITE IN FLORIDA AND ITS RELATIONSHIP TO WATER LEVELS. *J. Field Ornithol.* 54(3):237-246. 1983. WR 192
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Mauna Loa Field Stn., P.O. Box 44, Hawaii Volcanoes National Park, HI 96718] *Rostrhamus sociabilis plumbeus.*

84-002079 Sykes, Paul W., Jr. and Donald J. Forrester. PARASITES OF THE SNAIL KITE IN FLORIDA AND SUMMARY OF THOSE REPORTED FOR THE SPECIES. *Fla. Field Nat.* 11(4):111-116. Nov. 1983. WR 192
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Southeast Field Stn., School For. Resour., Univ. Ga., Atherns 30602] *Rostrhamus sociabilis.*

84-002080 Sykes, Paul W., Jr. TWO SPECIES OF MOSQUITOES FEED ON SNAIL KITES IN FLORIDA. *Fla. Field Nat.* 11(4):116. Nov. 1983. WR 192
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Southeast Field Stn., School For. Resour., Univ. Ga., Athens 30602] *Rostrhamus socialis.*

84-002081 Sykes, Paul W., Jr. SNAIL KITE USE OF THE FRESHWATER MARSHES OF SOUTH FLORIDA. *Fla. Field Nat.* 11(4):73-88. Nov. 1983. WR 192
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Southeast Field Stn., School For. Resour., Univ. Ga., Athens 30602] *Rostrhamus sociabilis plumbeus.*

84-002082 Takekawa, Jean E. FIRST EVIDENCE OF SNAIL KITES FEEDING ON THE INTRODUCED SNAIL, *POMACEA BRIDGESI*, IN FLORIDA. *Fla. Field Nat.* 11(4):107-108. Nov. 1983. WR 192
[Loxahatchee Natl. Wildl. Refuge, Rt. 1, Box 278, Boynton Beach, FL 33437] *Rostrhamus sociabilis.*

84-002083 Thiel, Richard P. COOPERATIVE HUNTING IN BALD EAGLES. *Passenger Pigeon* 45(3):77-78. 1983. WR 192
[308 E. Council St., Tomah, WI 54660] *Haliaeetus leucocephalus* in Wisconsin.

RAPTORS (CONTINUED)

84-002084 Tjernberg, Martin. HABITAT AND NEST SITE FEATURES OF GOLDEN EAGLE, *AQUILA CHRYSAETOS* (L.), IN SWEDEN. *Viltrevy (Stockh.)* 12(5):131-163. 1983. In English with Swedish summ. WR 192
[Dep. Wildl. Ecol., Swedish Univ. Agric. Sci., S-75007 Uppsala, Sweden]

84-002085 Toropova, V. I. [FOOD OF THE LONG-EARED OWL DURING WINTER IN FRUNZE CITY.] *Ornitologiya* 18:205-207. 1982. In Russian. WR 192
*Asio otus* in USSR.

84-002086 Voous, K. H. GYRFALCON: ROYAL HUNTING BIRD OF THE FAR NORTH. *Hawk Trust Annu. Rep.* 11:22-23. 1981. WR 192
*Falco rusticolus.*

84-002087 Voous, K. H. STEPPENKIEKENDIEF--BEWONER VAN WARME STEPPEN EN WARME WINTERGEBIEDEN. [PALLID HARRIER--INHABITANT OF WARM STEPPES AND WARM WINTER AREAS.] *Vogels* No. 14. p. 56-58. Mar.-Apr. 1983. In Dutch. WR 192
*Circus macrourus.*

84-002088 Walter, Hartmut. THE RAPTOR ACTIGRAM: A GENERAL ALPHANUMERIC NOTATION FOR RAPTOR FIELD DATA. *Raptor Res.* 17(1):1-8. 1983. WR 192
[Dep. Geogr., Univ. Calif. Los Angeles, 405 Hilgard Ave., Los Angeles 90024]

84-002089 Wheeldon, Eric B.; Terry A. Dick and Terry A. Schulz. FIRST REPORT OF *TRICHINELLA SPIRALIS* VAR. *PSEUDOSPIRALIS* IN NORTH AMERICA. *J. Parasitol.* 69(4):781-782. Aug. 1983. WR 192
[Smith Kline & French Lab., L-61, P.O. Box 7929, Philadelphia, PA 19101]
*Accipiter cooperi* in California.

84-002090 Wilbur, Sanford R. and Jerome A. Jackson, editors. VULTURE BIOLOGY AND MANAGEMENT. *Univ. Calif. Press* xxii + 552p. 3 Feb. 1984. Price $35.00. WR 192
[U.S. Fish & Wildl. Serv., 500 N.E. Multnomah St., Portland, OR 97232]
This volume covers the best and most recent research on 22 species of vultures. It is divided into eight parts: Paleontology and Systematics of Vultures, The Status of Vultures, Biology of Old World Vultures, Biology of New World Vultures, Research and Management Techniques for Vultures, Effects of Environmental Contaminants on Vultures, Vultures and Man, and A Bibliography of the Vultures. Thirty-eight contributors add their insight to make this a most complete book on vultures.

84-002091 Wilmers, Thomas J. KESTREL USE OF NEST BOXES ON RECLAIMED SURFACE MINES IN WEST VIRGINIA AND PENNSYLVANIA. *M.S. thesis, W. Va. Univ.* 182p. 1982. From Raptor Res. 17(1):30-31. 1983. Abstract only. WR 192
*Falco sparverius.*

84-002092 Wilson, R. Trevor and Mary P. Wilson. NOTES ON A GREY KESTREL *FALCO ARDOSIACEUS* BROOD IN CENTRAL MALI. *Bull. Br. Ornithol. Club* 103(4):118-119. Dec. 1983. WR 192
[21 Westfield Grove, Wakefield WF1 3RS, England]

RAPTORS (CONTINUED)

84-002093 Witt, Hans-Hinrich; Eduardo de Juana; Juan M. Varela and Ramon Martí. DER FISCHADLER *PANDION HALIAETUS* AUF DEN CHAFARINAS INSELN (NORDOST-MAROKKO)--ANGABEN ZUR BRUT UND ERNÄHRUNG. [THE OSPREY *PANDION HALIAETUS* AT THE CHAFARINAS ISLANDS (NORTHEAST COAST OF MOROCCO)--OBSERVATIONS ON BREEDING AND FEEDING.] *Vogelwelt* 104(5):168-175. 1983. In German with English summ. WR 192
[Mus. A. Koenig, Adenauerallee 150, D-5300 Bonn 1, West Germany]

84-002094 Zang, H. and P. Kunze. CHRONIK EINER VERHUNGERTEN BRUT DES RAUHFUßKAUZES (*AEGOLIUS FUNEREUS*) IM HARZ. [CHRONICLE OF A STARVED BROOD OF TENGMALM'S OWL (*AEGOLIUS FUNEREUS*) IN THE HARZ MOUNTAINS.] *Vogelwelt* 104(5):176-178. 1983. In German with English summ. WR 192
[Oberer Triftweg 31A, D-3380 Goslar, West Germany]

PASSERINE BIRDS--GENERAL

84-002095 Albu, T. POST-JUVENILE GROWTH IN PASSERINES. *Fauna Norv. Ser. C Cinclus* 6(2):53-56. 1983. In English with Norwegian summ. WR 192
[Dep. Zool., Univ. Trondheim, N-7055 Dragvoll, Norway]

84-002096 Berressem, Karl Georg; Heidrun Berressem and Karl-Heinz Schmidt. VERGLEICH DER BRUTBIOLOGIE VON HÖHLENBRÜTERN IN INNERSTÄDTISCHEN UND STADTFERNEN BIOTOPEN. [COMPARATIVE STUDIES OF THE BREEDING BIOLOGY OF HOLE-NESTING PASSERINES IN URBAN AND RURAL HABITATS.] *J. Ornithol.* 124(4):431-445. 1983. In German with English summ. WR 192
[In der Römerstadt 135, D-6000 Frankfurt, West Germany]

84-002097 Bock, Carl E. and Robert E. Ricklefs. RANGE SIZE AND LOCAL ABUNDANCE OF SOME NORTH AMERICAN SONGBIRDS: A POSITIVE CORRELATION. *Am. Nat.* 122(2):295-299. Aug. 1983. WR 192
[DEPOB, Univ. Colo., Boulder 80309]

84-002098 Connor, Richard N.; James G. Dickson; Brian A. Locke and Charles A. Segelquist. VEGETATION CHARACTERISTICS IMPORTANT TO COMMON SONGBIRDS IN EAST TEXAS. *Wilson Bull.* 95(3):349-361. Sept. 1983. WR 192
[Southern For. Exp. Stn., Box 7600, SFA Stn., Nacogdoches, TX 75962]

84-002099 Ioalè, P. and S. Benvenuti. SITE ATTATCHMENT AND HOMING ABILITY IN PASSERINE BIRDS. *Monit. Zool. Ital.* 17(3):279-294. 1983. In English with Italian summ. WR 192
[Ist. Biol. Gen. Univ., Via A. Volta 6, 56100 Pisa, Italy]

84-002100 Järvinen, Antero. BREEDING STRATEGIES OF HOLE-NESTING PASSERINES IN NORTHERN LAPLAND. *Ann. Zool. Fenn.* 20(2):129-149. 1983. WR 192
[Kilpisjärvi Biol. Stn., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland] *Parus cinctus, P. major, Phoenicurus phoenicurus,* and *Ficedula hypoleuca.*

PASSERINE BIRDS--GENERAL (CONTINUED)

84-002101 Larkins, D. WHITE-BROWED WOODSWALLOWS AND WHITE-WINGED TRILLERS AS NECTAR FEEDERS AND POLLINATORS. *Aust. Birds* 18(1):15-16. Oct. 1983. WR 192
[225 Kissing Point Rd., Turramurra, New South Wales 2074, Australia] *Artamus superciliosus* and *Lalage sueurii* in Australia.

84-002102 McFarland, D. C. CALLING AND RESOURCE DEFENCE BY LITTLE WATTLEBIRDS *ANTHOCHAERA CHRYSOPTERA*. *Aust. Birds* 18(1):10-12. Oct. 1983. WR 192
[Dep. Zool., Univ. New England, Armidale, New South Wales 2351, Australia]

84-002103 Robertson, Keith D. FINCHES FEEDING ON APHIDS IN LATE AUTUMN. *Br. Birds* 76(11):538. Nov. 1983. WR 192
[7 Holgate View, Brierly, Barnsley, South Yorkshire S72 9HN, England]

BLACKBIRDS, STARLINGS AND CROWS

84-002104 Banks, Richard C. THE CORRECT NAME FOR THE HAWAIIAN CROW. *'Elepaio* 44(1):1-2. July 1983. WR 192
[U.S. Fish & Wildl. Serv., Natl. Mus. Nat. Hist., Washington, DC 20560] *Corvus hawaiiensis*.

84-002105 Beletsky, L. David. AN INVESTIGATION OF INDIVIDUAL RECOGNITION BY VOICE IN FEMALE RED-WINGED BLACKBIRDS. *Anim. Behav.* 31(2):355-362. May 1983. WR 192
[Dep. Biol. Sci., Wayne State Univ., Detroit, MI 48202] *Agelaius phoeniceus*.

84-002106 Brockie, R. E. STARLING (*STURNUS VULGARIS*) ROOSTS AND FLIGHTLINES NEAR WELLINGTON. *Notornis* 30(3):217-226. Sept. 1983. WR 192
[Ecol. Div., DSIR, Private Bag, Lower Hutt, New Zealand]

84-002107 Burtscher, H. GROßE COCCIDIEN-GEWEBSZYSTEN IM GEHIRN VON *GRACULA RELIGIOSA* (AVES: STURNIDAE). [LARGE TISSUE CYSTS OF COCCIDIA IN THE BRAIN OF *GRACULA RELIGIOSA* (AVES: STURNIDAE).] *Zentralbl. Veterinärmed. Reihe B* 30(8):590-599. Sept. 1983. In German with English, French, and Spanish summ. WR 192
[Inst. Pathol. & Gerichtliche Veterinärmed., Linke Bahngasse 11, A-1030 Vienna, Austria]

84-002108 Caccamise, Donald F.; Linda A. Lyon and Joseph Fischl. SEASONAL PATTERNS IN ROOSTING FLOCKS OF STARLINGS AND COMMON GRACKLES. *Condor* 85(4):474-481. Nov. 1983. WR 192
[Dep. Entomol. & Econ. Zool., Cook Coll., N.J. Agric. Exp. Stn., Rutgers Univ., New Brunswick, NJ 08903] *Sturnus vulgaris* and *Quiscalus quiscula* in New Jersey.

84-002109 Chaiken, M. CALL DEVELOPMENT IN THE EUROPEAN STARLING (*STURNUS VULGARIS*): THE STRUCTURAL AND FUNCTIONAL MERGING OF TWO EARLY CALL TYPES. *Am. Zool.* 23(4):929. 1983. Abstract only. WR 192
[Inst. Anim. Behav., Newark, NJ]

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

84-002110 Chaturvedi, C. M. and J. P. Thapliyal. THYROID PHOTOPERIOD AND GONADAL REGRESSION IN THE COMMON MYNA *ACRIDOTHERES TRISTIS*. *Gen. Comp. Endocrinol.* 52(2):279-282. Nov. 1983. WR 192
[Dep. Zool., Banaras Hindu Univ., Varanasi 221005, India]

84-002111 Clark, L. and J. R. Mason. ANTI-PATHENOGENIC EFFECTS OF FRESH VEGETATION USED BY STARLINGS IN NEST CONSTRUCTION. *Am. Zool.* 23(4):929. 1983. Abstract only. WR 192
[Monell Chem. Senses Cent., Philadelphia, PA] *Sturnus vulgaris*.

84-002112 Clark, Robert G.; Patrick J. Weatherhead and Rodger D. Titman. ON THE RELATIONSHIP BETWEEN BREEDING BIRD SURVEY COUNTS AND ESTIMATES OF MALE DENSITY IN THE RED-WINGED BLACKBIRD. *Wilson Bull.* 95(3):453-459. Sept. 1983. WR 192
[Oikos Ecol. Res. Assoc. Ltd., P.O. Box 8818, Saskatoon, Saskatchewan, Canada S7K 6S7] *Agelaius phoeniceus* in Canada.

84-002113 de Iongh, Hans. IS THERE STILL HOPE FOR THE BALI MYNAH? *Tigerpaper* 10(1):28-32. 1983. WR 192
*Leucospar rothschildi* in Indonesia.

84-002114 Dittami, John P. NOTES ON BLUE-EARED GLOSSY STARLINGS *LAMPROTORNIS CHALYBAEUS* AT NAKURU, KENYA. *Scopus* 7(2):37-39. June 1983. WR 192
[Max-Planck-Inst. Verhaltensphysiol., D-8138 Andechs, West Germany]

84-002115 Dowsett-Lemaire, F. STUDIES OF A BREEDING POPULATION OF WALLER'S REDWINGED STARLINGS IN MONTANE FORESTS OF SOUTH-CENTRAL AFRICA. *Ostrich* 54(2):105-112. June 1983. WR 192
[Rue de Bois de Breux 194, B-4500 Jupille, Liège, Belgium] *Onychognathus walleri*.

84-002116 Dugand, Armando and Eugene Eisenmann. REDISCOVERY OF, AND NEW DATA ON, *MOLOTHRUS ARMENTI* CABANIS. *Auk* 100(4):991-992. Oct. 1983. WR 192
[Herbert Friedmann: 350 S. Fuller Ave., Los Angeles, CA 90036]

84-002117 Findholt, Scott L. and Sam D. Fitton. RECORDS OF THE SCOTT'S ORIOLE FROM WYOMING. *West. Birds* 14(2):109-110. 1983. WR 192
[Wyo. State Training School, Lander 82520] *Icterus parisorum*.

84-002118 Glahn, James F.; Daniel J. Twedt and David L. Otis. ESTIMATING FEED LOSS FROM STARLING USE OF LIVESTOCK FEED TROUGHS. *Wildl. Soc. Bull.* 11(4):366-372. 1983. WR 192
[U.S. Fish & Wildl. Serv., Denver Wildl. Res. Cent., Ky. Res. Stn., 334 15th St., Bowling Green 42101] *Sturnus vulgaris* in Kentucky.

84-002119 Gori, D. F. VARIATION IN PATERNAL INVESTMENT WITH MARSH PRODUCTIVITY IN POLYGYNOUS YELLOWHEADED BLACKBIRDS. *Am. Zool.* 23(4):913. 1983. Abstract only. WR 192
[Univ. Ariz., Tucson] *Xanthocephalus xanthocephalus*.

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

84-002120 Hulse, Stewart H. RELATIVE AND ABSOLUTE PITCH PERCEPTION BY BIRDS. *J. Acoust. Soc. Am.* 74(suppl. 1):S80. 1983. Abstract only. WR 192
[Dep. Psychol., Johns Hopkins Univ., Baltimore, MD 21218] *Sturnus vulgaris.*

84-002121 Katzir, Gadi. BOWING AND ALLOPREENING OF CAPTIVE JACKDAWS *CORVUS MONEDULA*. *Ibis* 125(4):516-523. Oct. 1983. WR 192
[Sub-Dep. Anim. Behav., Madingley, Cambridge CB3 8AA, England]

84-002122 King, Andrew P. and Meredith J. West. DISSECTING COWBIRD SONG POTENCY: ASSESSING A SONG'S GEOGRAPHIC IDENTITY AND RELATIVE APPEAL. *Z. Tierpsychol.* 63(1):37-50. Sept. 1983. In English with German summ. WR 192
[Lab. Avian Behav., Rt. 2, Box 315, Mebane, NC 27302] *Molothrus a. ater* and *M. a. obscurus.*

84-002123 Kiziroglu, Ilhami. TAGESZEITLICHE FLUKTUATIONEN EINER POPULATION VON STAREN *STURNUS VULGARIS* L. IN DEN WINTERMONATEN 1977/78 IN BEYTEPE - ANKARA. [DAYTIME FLUCTUATIONS OF STARLINGS *STURNUS VULGARIS* NEAR ANKARA, TURKEY, IN THE WINTER OF 1977/78.] *Verh. Ornithol. Ges. Bayern* 23(5/6):511-514. Oct. 1983. In German with English summ. WR 192
[Hacettepe Univ., Fac. Nat. Sci., Inst. Biol., Beytepe Campus, Ankara, Turkey]

84-002124 Laine, H. PARENTAL CHORES DISTRIBUTION IN THE MONOGAMOUS BLUE JAY. *Am. Zool.* 23(4):930. 1983. Abstract only. WR 192
[City Univ., New York, NY] *Cyanocitta cristata.*

84-002125 Mann, Nancy Jean. COMPARATIVE PHYSIOLOGY OF THE SCRUB JAY (*APHELOCOMA COERULESCENS*) AND THE STELLER'S JAY (*CYANOCITTA STELLERI*). *Comp. Biochem. Physiol. A Comp. Physiol.* 76(2):305-318. 1983. WR 192
[Cuesta Coll., P.O. Box J, San Luis Obispo, CA 93406]

84-002126 Mason, J. Russell and J. A. Maruniak. BEHAVIORAL AND PHYSIOLOGICAL EFFECTS OF CAPSAICIN IN RED-WINGED BLACKBIRDS. *Pharmacol. Biochem. Behav.* 19(5):857-862. Nov. 1983. WR 192
[Monell Chem. Senses Cent., 3500 Market St., Philadelphia, PA 19104]

84-002127 McNicholl, Martin K. EARLY FLEDGING RECORD OF WESTERN MEADOWLARK IN MANITOBA. *Blue Jay* 41(4):201-204. Dec. 1983. WR 192
[320 Markham St., Toronto, Ontario, Canada M6G 2K9] *Sturnella neglecta* in Canada.

84-002128 Minock, Michael E. and John R. Watson. RED-WINGED AND YELLOW-HEADED BLACKBIRD NESTING HABITAT IN A WISCONSIN MARSH. *J. Field Ornithol.* 54(3):324-326. 1983. WR 192
[Univ. Wis. Cent.-Fox Valley, Midway Rd., Menasha 54952] *Agelaius phoeniceus* and *Xanthocephalus xanthocephalus.*

84-002129 Nero, Robert W. RAVENS EATING SALT? *Blue Jay* 41(4):211-212. Dec. 1983. WR 192
[Wildl. Branch, Box 14, 1495 St. James St., Winnipeg, Manitoba, Canada, R3H 0W9] *Corvus corax* in Canada.

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

84-002130 Orians, Gordon H. NOTES ON THE BEHAVIOR OF THE MELODIOUS BLACKBIRD (*DIVES DIVES*). *Condor* 85(4):453-460. Nov. 1983. WR 192
[Dep. Zool., Univ. Wash., Seattle 98195]

84-002131 Pennington, L. Iola. SCOTT'S ORIOLE. *Nebr. Bird Rev.* 51(3):84. Sept. 1983. WR 192
[561 S. Tecumseh Ave., Wauneta, NE 69045] *Icterus parisorum* in Nebraska.

84-002132 Pinowski, Jan; Barbara Pinowska; Kazimierz Kraśnicki and Teresa Tomek. CHEMICAL COMPOSITION OF GROWTH IN NESTLING ROOKS *CORVUS FRUGILEGUS*. *Ornis Scand.* 14(4):289-298. Nov. 1983. WR 192
[Dep. Vertebr. Ecol., Inst. Ecol., Polish Acad. Sci., Dziekanów Leśny (near Warsaw), 05-092, Łomianki, Poland]

84-002133 Ricklefs, Robert E. and Cynthia A. Smeraski. VARIATION IN INCUBATION PERIOD WITHIN A POPULATION OF THE EUROPEAN STARLING. *Auk* 100(4):926-931. Oct. 1983. WR 192
[Dep. Biol., Univ. Pa., Philadelphia 19104] *Sturnus vulgaris* in Pennsylvania.

84-002134 Rising, J. D. THE PROGRESS OF ORIOLE HYBRIDIZATION IN KANSAS. *Auk* 100(4):885-897. Oct. 1983. WR 192
[Dep. Zool., Univ. Toronto, Toronto, Ontario, Canada M5S 1A1] *Icterus galbula* and *I. bullockii*.

84-002135 Ritter, Lyman V. NESTING ECOLOGY OF SCRUB JAYS IN CHICO, CALIFORNIA. *West. Birds* 14(3):147-158. 1983. WR 192
[PSW For. & Range Exp. Stn., For. Sci. Lab., 2081 E. Sierra Ave., Fresno, CA 93710] *Aphelocoma coerulescens*.

84-002136 Røskaft, Eivin; Yngve Espmark and Torbjörn Järvi. REPRODUCTIVE EFFORT AND BREEDING SUCCESS IN RELATION TO AGE BY THE ROOK *CORVUS FRUGILEGUS*. *Ornis Scand.* 14(3):169-174. Sept. 1983. WR 192
[Dep. Zool., Univ. Trondheim, N-7055 Dragvoll, Norway]

84-002137 Røskaft, Eivin. MALE PROMISCUITY AND FEMALE ADULTERY BY THE ROOK *CORVUS FRUGILEGUS*. *Ornis Scand.* 14(3):175-179. Sept. 1983. WR 192
[Dep. Zool., Univ. Trondheim, N-7055 Dragvoll, Norway]

84-002138 Røskaft, Eivin. SEX-ROLE PARTITIONING AND PARENTAL CARE BY THE ROOK *CORVUS FRUGILEGUS*. *Ornis Scand.* 14(3):180-187. Sept. 1983. WR 192
[Dep. Zool., Univ. Trondheim, N-7055 Dragvoll, Norway]

84-002139 Røskaft, Eivin. TERRITORIALISM, NEIGHBOUR CONFLICTS AND SOCIAL INTERACTIONS IN THE ROOK *CORVUS FRUGILEGUS* DURING THE BREEDING SEASON. *Fauna Norv. Ser. C Cinclus* 5(1):5-9. 1982. In English with Norwegian summ. WR 192
[Zool. Inst., Univ. Trondheim, Rosenborg, N-7000 Trondheim, Norway]

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

84-002140 Røskaft, Eivin. THE RELATIONSHIP BETWEEN THE FLEDGING WEIGHTS OF CAPTIVE ROOKS AND POSITION IN THE DOMINANCE HIERARCHY ONE YEAR LATER. *Fauna Norv. Ser. C Cinclus* 6(2):78-80. 1983. In English with Norwegian summ. WR 192
[Dep. Zool., Univ. Trondheim, N-7055 Dragvoll, Norway] *Corvus frugilegus.*

84-002141 Ross, Howard A. GENETIC DIFFERENTIATION OF STARLING (*STURNUS VULGARIS*: AVES) POPULATIONS IN NEW ZEALAND AND GREAT BRITAIN. *J. Zool. (Lond.)* 201(3):351-362. Nov. 1983. WR 192
[Environ. Res. Branch, Energy Canada Limited Res. Co., Whiteshell Nuclear Res. Establishment, Pinawa, Manitoba, Canada R0E 1L0]

84-002142 Rothstein, Stephen I. THE PREENING INVITATION OR HEAD-DOWN DISPLAY OF PARASITIC COWBIRDS: II. EXPERIMENTAL ANALYSIS AND EVIDENCE FOR BEHAVIOURAL MIMICRY. *Behaviour* 75(3-4):148-184. 1980. In English with German summ. WR 192
[Dep. Biol. Sci., Univ. Calif., Santa Barbara] *Molothrus ater.*

84-002143 Schlenoff, Debra Helen. THE STARTLE RESPONSE OF BLUE JAYS (*CYANOCITTA CRISTATA*) TO *CATACOLA* (LEPIDOPTERA: NOCTUIDAE) PREY MODELS. *Ph.D. dissertation, Univ. Mass.* 96p. 1983. From Diss Abstr. Int. B Sci. Eng. 44(4):1028. Oct. 1983. WR 192

84-002144 Schuler, Werner. RESPONSES TO SUGARS AND THEIR BEHAVIOURAL MECHANISMS IN THE STARLING (*STURNUS VULGARIS* L.). *Behav. Ecol. Sociobiol.* 13(4):243-251. 1983. WR 192
[Zool. Inst., Univ. Göttingen, Berliner Str. 28, D-3400 Göttingen, West Germany]

84-002145 Sema, A. M. and B. M. Zvonov. [FUNCTION AND STRUCTURE OF ACOUSTIC SIGNALS OF THE COMMON STARLING (*STURNUS VULGARIS*).] *Ornitologiya* 18:76-83. 1983. In Russian with English summ. WR 192

84-002146 Slagsvold, Tore and Kolbjørn Skipnes. HOW REPRESENTATIVE OF BIRD POPULATIONS ARE SPECIMENS IN MUSEUM COLLECTIONS: DATA ON NORWEGIAN CORVIDS. *Fauna Norv. Ser. C Cinclus* 5(1):27-35. In English with Norwegian summ. WR 192
[Univ. Trondheim, The Museum, Erling Skakkesgt. 47A, N-7000 Trondheim, Norway]

84-002147 Smith, Kathleen M. A RECORD OF THE VERY-HARD-TO-FIND NEST OF THE CANADA JAY. *Discovery (Vancouver Nat. Hist. Soc.)* 12(3):89. Sept.-Oct.-Nov. 1983. WR 192
[25032 28th Ave., R.R. 4, Aldergrove, British Columbia, Canada V0V 1A0] *Perisoreus canadensis* in Canada.

84-002148 Stiehl, Richard B. A NEW ATTACHMENT METHOD FOR PATAGIAL TAGS. *J. Field Ornithol.* 54(3):326-328. 1983. WR 192
[Coll. Environ. Sci., Univ. Wis., Green Bay 54302] *Corvus corax* in Oregon.

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

84-002149 Tomback, Diana F. and Barbara B. DeWolfe. FORAGING BEHAVIOR OF A CROSS-BILLED NUTCRACKER. *West. Birds* 12(3):137-138. 1981. WR 192
[Dep. Biol., Div. Nat. & Physical Sci., Univ. Colo., 1100 Fourteenth St., Denver 80202] *Nucifraga columbiana* in Colorado.

84-002150 Tyrberg, Tommy. GRÅKRÅKOR I FRANKRIKE UNDER MEDELTIDEN -EN KOMMENTAR. [HOODED CROWS, *CORVUS CORONE CORNIX*, IN FRANCE IN THE MIDDLE AGES.] *Vår Fågelvärld* 42(5):347-348. 1983. In Swedish with English summ. WR 192
[Kimstadsvägen 37, 610 20 Kimstad, Sweden]

84-002151 Vaughan, Frank A. STARTLE RESPONSES OF BLUE JAYS TO VISUAL STIMULI PRESENTED DURING FEEDING. *Anim. Behav.* 31(2):385-396. May 1983. WR 192
[Delco Sci. Resour., 431 Post Road East, Westport, CT 06880] *Cyanocitta cristata.*

84-002152 Vieweg, Arndt. ZUM PROBLEM EICHELHÄHER. [ON THE PROBLEM OF JAYS.] *Falke* 28(6):205. June 1981. In German. WR 192
*Garrulus glandarius.*

OTHER PASSERINE BIRDS

84-002153 Adegoke, A. S. THE PATTERN OF MIGRATION OF VILLAGE WEAVERBIRDS (*PLOCEUS CUCULLATUS*) IN SOUTHWESTERN NIGERIA. *Auk* 100(4):863-870. Oct. 1983. WR 192
[P.O. Box 53952, Falomo, Ikoyi, Lagos, Nigeria]

84-002154 Airola, Daniel A. RECENT COLONIZATION OF LASSEN PEAK, CALIFORNIA, BY THE GRAY-CROWNED ROSY FINCH. *West. Birds* 12(3):117-124. 1981. WR 192
[U.S. For. Serv., Lassen Natl. For., P.O. Box 767, Chester, CA 96020] *Leucosticte tephrocotis.*

84-002155 Armour, Liza and David Hussell. STUDIES OF BREEDING TREE SWALLOWS. *Long Point Bird Observatory Annu. Rep.* 1978:16-18. Jan. 1981. WR 192
*Tachycineta bicolor* in Canada.

84-002156 Babko, V. M. [BIOLOGY OF THE RUSTIC BUNTING IN THE DESNA RIVER VALLEY.] *Ornitologiya* 18:186. 1983. In Russian. WR 192
*Emberiza rustica* in USSR.

84-002157 Bairlein, Franz. SEASONAL VARIATIONS OF SERUM GLUCOSE LEVELS IN A MIGRATORY SONGBIRD, *SYLVIA BORIN*. *Comp. Biochem. Physiol. A Comp. Physiol.* 76(2):397-399. 1983. WR 192
[Zool. Inst. Univ. Köln, Physiol. Ökol., Weyertal 119, D-5000 Cologne, West Germany]

OTHER PASSERINE BIRDS (CONTINUED)

84-002158 Baker, Myron Charles. SHARING OF VOCAL SIGNALS AMONG SONG SPARROWS. *Condor* 85(4):482-490. Nov. 1983. WR 192
[Dep. Zool. & Entomol., Colo. State Univ., Fort Collins 80523] *Melospiza melodia* and *Zonotrichia leucophrys* in California.

84-002159 Ball, Gregory F. FUNCTIONAL INCUBATION IN MALE BARN SWALLOWS. *Auk* 100(4):998-1000. Oct. 1983. WR 192
[Field Res. Cent., Rockefeller Univ., Tyrrel Rd., Millbrook, NY 12545] *Hirundo rustica* in New Jersey.

84-002160 Bancroft, Jean. NESTING ROSE-BREASTED GROSBEAKS. *Blue Jay* 41(4):214-215. Dec. 1983. WR 192
[306-200 Tuxedo Ave., Winnipeg, Manitoba, Canada, R3P 0R3] *Pheucticus ludovicianus* in Canada.

84-002161 Baranov, L. S. and V. A. Margolin. [WINTERING OF THE PINE GROSBEAKS IN KALUGA TOWN.] *Ornitologiya* 18:186. 1983. In Russian. WR 192
*Pinicola enucleator* in USSR.

84-002162 Barkan, C. P. L. THE EFFECT OF DEPRIVATIONS ON FEEDING PATTERNS IN BLACK-CAPPED CHICKADEES (*PARUS ATRICAPILLUS*). *Am. Zool.* 23(4):980. 1983. Abstract only. WR 192
[State Univ. N.Y., Albany]

84-002163 Barlow, Maida. THRUSHES AND BLACKBIRDS IN CITY PARK. *Notornis* 30(3):232. Sept. 1983. WR 192
[38 Filleul St., Invercargill, New Zealand] *Turdus* spp.

84-002164 Barlow, Maida. TERRITORIES OF SOUTH ISLAND FERNBIRDS (*BOWDLERIA PUNCTATA PUNCTATA*). *Notornis* 30(3):199-216. Sept. 1983. WR 192
[38 Filleul St., Invercargill, New Zealand]

84-002165 Baxter, C. I. BLACK-FACED WOODSWALLOWS ON KANGAROO ISLAND. *S. Aust. Ornithol.* 29(3):72. Sept. 1983. WR 192
*Artamus cinereus* in Australia.

84-002166 Baylor, L. M.; Mary E. Baylor and Florence L. Baylor. GREAT CRESTED FLYCATCHERS IN PENNINGTON COUNTY. *S.D. Bird Notes* 35(4):69. Dec. 1983. WR 192
*Myiarchus crinitus* in South Dakota.

84-002167 Beehler, Bruce McPherson. THE BEHAVIORAL ECOLOGY OF FOUR BIRDS OF PARADISE. *Ph.D. dissertation, Princeton Univ.* 209p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):998. Oct. 1983. WR 192
*Epimachus albertisi, Diphyllodes magnificus, Paradisaea raggiana,* and *Manucodia keraudrenii* in Papua New Guinea.

84-002168 Beehler, Bruce. LEK BEHAVIOR OF THE LESSER BIRD OF PARADISE. *Auk* 100(4):992-995. Oct. 1983. WR 192
[Natl. Mus. Nat. Hist., MRC 114, Smithsonian Inst., Washington, DC 20560] *Paradisaea minor* in Papua New Guinea.

OTHER PASSERINE BIRDS (CONTINUED)

84-002169 Bell, C. FACTORS INFLUENCING NEST-SITE SELECTION IN HOUSE MARTINS. *Bird Study* 30(3):233-237. Nov. 1983. WR 192
[34 Trefoil Rd., Tanfield Lea, Stanley, Co. Durham DH9 9PH, England] *Delichon urbica* in England.

84-002170 Benvenuti, Silvano and Paolo Ioalé. AGE DIFFERENCES IN THE DISPERSAL BEHAVIOUR OF ROBINS *ERITHACUS RUBECULA* STUDIED BY COUNTING WING SPOTS. *Ringing Migration* 4(4):237-242. Oct. 1983. WR 192
[Ist. Biol. Gen. Univ., Via A. Volta 6, I-56100 Pisa, Italy]

84-002171 Berezovikov, N. N. [MASS MIGRATION OF THE LAPLAND BUNTING ALONG THE IRTYSH RIVER VALLEY IN ALTAI.] *Ornitologiya* 18:187. 1983. In Russian. WR 192
*Calcarius lapponicus* in USSR.

84-002172 Berndt, Rudolf. EINE BEGATTUNG BEI DER SINGDROSSEL (*TURDUS PHILOMELOS*). [MATING BY THE COMMON SONG THRUSH *TURDUS PHILOMELOS*.] *Vogelwelt* 104(5):182. 1983. In German. WR 192
[Weddel, Bauernstr. 13, D-3302 Cremlingen, West Germany]

84-002173 Bingman, Verner P. MAGNETIC FIELD ORIENTATION OF MIGRATORY SAVANNAH SPARROWS WITH DIFFERENT FIRST SUMMER EXPERIENCE. *Behaviour* 87(1-2):43-53. 1983. In English with German summ. WR 192
[Zool. Inst. Univ., Siesmayerstr. 70, D-6000 Frankfurt/M., West Germany] *Passerculus sandwichensis*.

84-002174 Binkley, Sue; Karen Mosher and Kathleen B. Reilly. CIRCADIAN RHYTHMS IN HOUSE SPARROWS: LIGHTING AD LIB. *Physiol. Behav.* 31(6):829-837. Dec. 1983. WR 192
[Biol. Dep., Temple Univ., Philadelphia, PA 19122] *Passer domesticus*.

84-002175 Björklund, Mats and Björn Westman. EXTRA-PAIR COPULATIONS IN THE PIED FLYCATCHER (*FICEDULA HYPOLEUCA*)--A REMOVAL EXPERIMENT. *Behav. Ecol. Sociobiol.* 13(4):271-275. 1983. WR 192
[Dep. Zool., Uppsala Univ., P.O. Box 561, S-751 22 Uppsala, Sweden]

84-002176 Bjerke, Tore K. ORIGIN OF SONG TRADITIONS IN THE REDWING *TURDUS ILIACUS*: EVIDENCE FROM FIELD STUDIES. *Fauna Norv. Ser. C Cinclus* 5(2):84-92. 1982. In English with Norwegian summ. WR 192
[Dep. Psychol., Univ. Trondheim, N-7000 Trondheim, Norway]

84-002177 Bjordal, Håvard. EFFECTS OF DEEP FREEZING, FREEZE-DRYING AND SKINNING ON BODY DIMENSIONS OF HOUSE SPARROWS *PASSER DOMESTICUS*. *Fauna Norv. Ser. C Cinclus* 6(2):105-108. 1983. In English with Norwegian summ. WR 192
[Zool. Mus., Musepl. 3, N-5000 Bergen, Norway]

84-002178 Black, Hal L. DIFFERENTIAL UTILIZATION OF BAT BOXES BY HOUSE WRENS (*TROGLODYTES AEDON*). *Great Basin Nat.* 43(3):456. 31 July 1983. WR 192
[Dep. Multicult. Education, Brigham Young Univ., Provo, UT 84602]

OTHER PASSERINE BIRDS (CONTINUED)

84-002179 Blomgren, Arne. TALLBITENS *PINICOLA ENUCLEATOR* HÄCKNINGSBIOLOGI. [OBSERVATIONS AT A PINE GROSBEAK, *PINICOLA ENUCLEATOR*, NEST.] *Vår Fågelvärld* 42(5):343-346. 1983. In Swedish with English summ. WR 192
[Pl. 2680, 960 24 Harads, Sweden]

84-002180 Boag, Peter T. THE HERITABILITY OF EXTERNAL MORPHOLOGY IN DARWIN'S GROUND FINCHES (*GEOSPIZA*) ON ISLA DAPHNE MAJOR, GALAPAGOS. *Evolution* 37(5):877-894. Sept. 1983. WR 192
[Dep. Biol., Queen's Univ., Kingston, Ontario, Canada K7L 3N6]

84-002181 Boddy, Michael. AUTUMN MOULTS OF ADULT AND JUVENILE LESSER REDPOLLS IN NOTTINGHAMSHIRE, ENGLAND. *Ornis Scand.* 14(4):299-308. Nov. 1983. WR 192
[51 Welham Rd., East Retford, Nottinghamshire DN22 6TW, England] *Carduelis flammea cabaret.*

84-002182 Boehm, E. F. EXTENSION OF RANGE OF THE GROUND CUCKOO-SHRIKE. *S. Aust. Ornithol.* 29(3):74. Sept. 1983. WR 192
[5 Perth Ave., Valley View, South Australia 5093, Australia] *Coracina maxima* in Australia.

84-002183 Boyce, Walter and Lee Elliot. FIRST RECORD OF A SNOW BUNTING IN ARIZONA. *West. Birds* 14(1):54. 1983. WR 192
[3636 Oakdale Rd., Birmingham, AL 35223] *Plectrophenax nivalis.*

84-002184 Brooke, M. de L. ECOLOGICAL SEGREGATION OF WOODCREEPERS (DENDROCOLAPTIDAE) IN THE STATE OF RIO DE JANEIRO, BRASIL. *Ibis* 125(4):562-567. Oct. 1983. WR 192
[Edward Grey Inst., Dep. Zool., South Parks Rd., Oxford, England] Data for 8 spp.

84-002185 Brown, Bill, Jr. HOODED WARBLER IN CROW WING COUNTY. *Loon* 55(3):124-125. 1983. WR 192
[Star Rt., Box 164, Brainerd, MN 56401] *Wilsonia citrina* in Minnesota.

84-002186 Brown, Bryan T.; Steven W. Carothers and R. Roy Johnson. BREEDING RANGE EXPANSION OF BELL'S VIREO IN GRAND CANYON, ARIZONA. *Condor* 85(4):499-500. Nov. 1983. WR 192
[Coop. Natl. Park Resour. Studies Unit, 125 Biol. Sci. East, Univ. Ariz., Tucson 85721] *Vireo bellii.*

84-002187 Brown, Ina S. WHITE-WINGED CROSSBILL IN BECKHAM COUNTY, OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 16(4):34. Dec. 1983. WR 192
[106 Sunset, Elk City, OK 73644] *Loxia leucoptera.*

84-002188 Burtt, Edward H., Jr. and Richard M. Tuttle. EFFECT OF TIMING OF BANDING ON REPRODUCTIVE SUCCESS OF TREE SWALLOWS. *J. Field Ornithol.* 54(3):319-323. 1983. WR 192

OTHER PASSERINE BIRDS (CONTINUED)

84-002188 CONTINUED
[Dep. Zool., Ohio Wesleyan Univ., Delaware, OH 43015] *Tachycineta bicolor* in Ohio.

84-002189 Buskirk, Robert F. and William H. Buskirk. SECOND INDIANA SPECIMEN OF PAINTED BUNTING. *Indiana Audubon Q.* 61(4):161. Nov. 1983. WR 192
[6674 N. Cornell, Indianapolis, IN 46220] *Passerina ciris.*

84-002190 Bystrom, Bob. BEWICK'S WREN IN SHERBURNE COUNTY. *Loon* 55(3):121. 1983. WR 192
[6533 Lucia Lane N.E., Fridley, MN 55432] *Thryomanes bewickii* in Minnesota.

84-002191 Calvert, Malcolm. HEIGHT AND SUPPORT OF REED WARBLER NESTS. *Naturalist (Leeds)* 108(966):105-106. July-Sept. 1983. WR 192
[12 Hill Dr., Handforth, Wilmslow, Cheshire SK9 3AR, England] *Acrocephalus scirpaceus* in England.

84-002192 Carlson, Allan and Juan Moreno. SEXUAL SIZE DIMORPHISM AND ITS EFFECT ON LOAD SIZE AND LOADING EFFICIENCY IN WHEATEARS *OENANTHE OENANTHE*. *Ornis Scand.* 14(3):198-201. Sept. 1983. WR 192
[Dep. Zool., P.O. Box 561, S-751 22 Uppsala, Sweden]

84-002193 Carothers, John H.; Stephen R. Sabo and Robert B. Hansen. ECOLOGICAL OBSERVATIONS ON AN ENDANGERED SPECIES: THE MAUI PARROTBILL, *PSEUDONESTOR XANTHOPHRYS*. *Am. Birds* 37(5):820-821. Sept.-Oct. 1983. WR 192
[Dep. Zool., Univ. Calif., Berkeley 94720]

84-002194 Carter, Robin M. GREEN-TAILED TOWHEE IN JOHNSTON COUNTY, OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 16(4):33. Dec. 1983. WR 192
[8927 Liptonshire Dr., Dallas, TX 75238] *Pipilo chlorurus.*

84-002195 Cawthorne, R. A. HABITAT AND BREEDING OF WOOD WARBLERS. *Ibis* 125(4):589-590. Oct. 1983. Abstract only. WR 192
[British Trust for Ornithol., Tring, Hertfordshire, England]

84-002196 Christen, Walter. KURZZEHENLERCHEN *CALANDRELLA BRACHYDACTYLA* BEI GRENCHEN SO. [SHORT-TOED LARK *CALANDRELLA BRACHYDACTYLA* AT GRENCHEN SO.] *Ornithol. Beob.* 80(3):210. Sept. 1983. In German. WR 192

84-002197 Christie, David A. THE DECLINE OF THE CIRL BUNTING, WITH NOTES ON ITS HABITS. *Br. Birds* 76(10):462-463. Oct. 1983. WR 192
[c/o 119 Thornhill Park Rd., Thronhill, Southampton SO2 6AT, England] *Emberiza cirlus* in England.

84-002198 Church, Jane P. SOUTHERNMOST NESTING RECORD FOR THE MOUNTAIN BLUEBIRD. *West. Birds* 13(1-4):35. 1982. WR 192
[Box 38, Sonoita, AZ 85637] *Sialia currucoides* in Arizona.

OTHER PASSERINE BIRDS (CONTINUED)

84-002199 Clapp, David E. BREEDING SUCCESS OF PURPLE MARTINS IN EASTERN MASSACHUSETTS. *Bird Observer East Mass.* 11(5):259-262. Oct. 1983. WR 192
*Progne subis.*

84-002200 Collett, Pauline. KIRTLAND'S WARBLER NEAR WILLIAMSTOWN, W. VA. *Redstart* 50(4):107-108. Oct. 1983. WR 192
[5 Pride Ct., Belpre, OH] *Dendroica kirtlandii.*

84-002201 Collins, Scott L. GEOGRAPHIC VARIATION IN HABITAT STRUCTURE FOR THE WOOD WARBLERS IN MAINE AND MINNESOTA. *Oecologia (Berl.)* 59(2-3):246-252. Sept. 1983. WR 192
[Dep. Botany & Microbiol., Univ. Okla., Norman 73019]

84-002202 Cox, George W. FORAGING BEHAVIOUR OF THE DUNE LARK. *Ostrich* 54(2):113-120. June 1983. WR 192
[Dep. Biol., San Diego State Univ., San Diego, CA 92182-0057] *Mirafra erythrochlamys* in Namibia.

84-002203 Cox, Paul Alan. EXTINCTION OF THE HAWAIIAN AVIFAUNA RESULTED IN A CHANGE OF POLLINATORS FOR THE IEIE, *FREYCINETIA ARBOREA*. *Oikos* 41(2):195-199. Oct. 1983. In English with with Russian summ. WR 192
[Dep. Botany, Univ. Calif., Berkeley 94720] *Zosterops japonica* in Hawaii.

84-002204 Cross, Robert R. BREEDING BIOLOGY OF THE PURPLE MARTIN, *PROGNE SUBIS SUBIS*, IN WILLIAMSBURG AND JAMES CITY COUNTY, VIRGINIA. *Va. J. Sci.* 34(3):119. 1983. Abstract only. WR 192
[Dep. Biol., Christopher Newport Coll., Newport News, VA 23606]

84-002205 Cunningham, Michael A. and Myron Charles Baker. VOCAL LEARNING IN WHITE-CROWNED SPARROWS: SENSITIVE PHASE AND SONG DIALECTS. *Behav. Ecol. Sociobiol.* 13(4):259-269. 1983. WR 192
[Dep. Zool. & Entomol., Colo. State Univ., Fort Collins 80523] *Zonotrichia leucophyrs nuttalli.*

84-002206 da Prato, S. R. D. and E. S. da Prato. MOVEMENTS OF WHITETHROATS *SYLVIA COMMUNIS* RINGED IN THE BRITISH ISLES. *Ringing Migration* 4(4):193-210. Oct. 1983. WR 192
[38 Carlaverock Grove, Tranent, East Lothian EH33 2HB, Scotland]

84-002207 da Prato, S. R. D. and E. S. da Prato. DENSITIES OF ROBINS IN NORTH-EAST GREECE IN AUTUMN. *Ringing Migration* 4(4):243-244. Oct. 1983. WR 192
[38 Carlaverock Grove, Tranent, East Lothian EH33 2EB, Scotland] *Erithacus rubecula.*

84-002208 Debussche, Max and Paul Isenmann. LA CONSOMMATION DES FRUITS CHEZ QUELQUES FAUVETTES MÉDITERRANÉENNES (*SYLVIA MELANOCEPHALA, S. CANTILLANS, S. HORTENSIS* ET *S. UNDATA*) DANS LA RÉGION DE

OTHER PASSERINE BIRDS (CONTINUED)

84-002208 CONTINUED MONTPELLIER (FRANCE). [FRUIT EATING BY SOME MEDITERRANEAN WARBLERS *SYLVIA MELANOCEPHALA, S. CANTILLANS, S. HORTENSIS* AND *S. UNDATA* NEAR MONTPELLIER (FRANCE).] *Alauda* 51(4):302-308. 1983. In French with English summ. WR 192
[Cent. Etudes Phytosociol. & Ecol., B.P. 5051, 34033 Montpellier Cedex, France]

84-002209 Deutschmann, Gerhard. ÜBER HALTUNG UND PFLEGE EINHEIMISCHER KÖRNERFRESSER. [ON THE MAINTENANCE AND REARING OF NATIVE GRANIVORES: CROSSBILLS.] *Falke* 28(6):208-209. June 1983. In German. WR 192
*Loxia curvirostra.*

84-002210 Dhondt, André A. and Jeannine Schillemans. REPRODUCTIVE SUCCESS OF THE GREAT TIT IN RELATION TO ITS TERRITORIAL STATUS. *Anim. Behav.* 31(3):902-912. Aug. 1983. WR 192
[Dep. Biol., Univ. Instelling Antwerpen, B-2610 Wilrijk, Belgium] *Parus major* in Belgium.

84-002211 Doherty, P. A. RED-BACKED SHRIKE WITH WHITE PRIMARY PATCH. *Br. Birds* 76(10):457-458. Oct. 1983. WR 192
[15 Garth Rd., Leeds LS17 5BQ, England] *Lanius collurio.*

84-002212 Dornberger, Wolfgang. BIOMETRISCHE MERKMALE OSTASIATISCHER AMMERN (EMBERIZIDAE). [BIOMETRICAL DATA OF EAST ASIATIC BUNTINGS (EMBERIZIDAE).] *Verh. Ornithol. Ges. Bayern* 23(5/6):501-509. Oct. 1983. In German with English summ. WR 192
[Inst. Vogelkunde, Sandrinaweg 1, D-8821 Triesdorf, West Germany] Data for 8 spp.

84-002213 Dougall, T. W. HEN BLACKBIRD STRIKING HUMAN INTRUDER IN DEFENCE OF NEST. *Br. Birds* 76(10):455-456. Oct. 1983. WR 192
[Dep. Geogr., The University, St. Andrews, Fife KY16 9AL, Scotland] *Turdus merula* in Scotland.

84-002214 Duncan, Robert A. POSSIBLE NOCTURNAL MIGRATION OF THE EASTERN KINGBIRD IN THE FLORIDA PANHANDLE. *Fla. Field Nat.* 11(3):57-58. Aug. 1983. WR 192
[614 Fairpoint Dr., Gulf Breeze, FL 32561] *Tyrannus tyrannus.*

84-002215 Durnev, Yu. A.; I. N. Sirokhin and V. D. Sonin. [MATERIALS TO THE ECOLOGY OF *DELICHON DASYPUS* (PASSERIFORMES, HIRUNDINIDAE) ON KHAMAR-DABAN (SOUTH BAIKAL TERRITORY).] *Zool. Zh.* 62(10):1541-1546. Oct. 1983. In Russian with English summ. WR 192
[State Univ. Irkutsk, USSR]

84-002216 Eakin, Jean. A STUDY OF THE EASTERN BLUEBIRD AT THE HOLDEN ARBORETUM, LAKE COUNTY, OHIO. *Kirtlandia* 40:1-51. Sept. 1983. WR 192
*Sialia sialis.*

OTHER PASSERINE BIRDS (CONTINUED)

84-002217 Edington, J. S. L. WHITE'S THRUSH: SOME ASPECTS OF ITS ECOLOGY AND FEEDING BEHAVIOUR. *S. Aust. Ornithol.* 29(3):57-59. Sept. 1983. WR 192
[8 Durham Ave., Lockleys, South Australia 5032, Australia] *Zoothera dauma* in Australia.

84-002218 Edwards, Stephen B.; C. W. Woodhead; A. J. Last; A. W. G. John; Bernard King and A. P. Radford. SPOTTED FLYCATCHERS CATCHING AND EATING LARGE LEPIDOPTERA. *Br. Birds* 76(11):537-538. Nov. 1983. WR 192
[Hazeldene, Melbourne Lane, Liddington, Swindon, Wiltshire, England] *Muscicapa striata* in Great Britain.

84-002219 Ellegren, Hans and Jan Pettersson. PROVENCSÅNGARE *SYLVIA UNDATA* FÖR FÖRSTA GÅNGEN ANTRÄFFAD I SVERIGE. [FIRST RECORD OF DARTFORD WARBLER, *SYLVIA UNDATA*, IN SWEDEN.] *Vår Fågelvärld* 42(6):429-430. 1983. In Swedish with English summ. WR 192
[Ottenby Fågelstn., Pl 1500, 380 65 Degerhamm, Sweden]

84-002220 Elliott, C. C. H. UNUSUAL BREEDING RECORDS MADE FROM A HELICOPTER IN TANZANIA. *Scopus* 7(2):33-36. June 1983. WR 192
[Box 634, Arusha, Tanzania] *Quelea quelea*.

84-002221 Espmark, Yngve. MICROGEOGRAPHICAL AND INDIVIDUAL VARIATION IN THE MORPHOLOGY OF SONG OF THE REDWING *TURDUS ILIACUS*. *Fauna Norv. Ser. C Cinclus* 5(2):73-83. 1982. In English with Norwegian summ. WR 192
[Dep. Zool., Univ. Trondheim, N-7055 Dragvoll, Norway]

84-002222 Farrar, W. W. and Y. J. K. Farrar. PHYSICOCHEMICAL PROPERTIES AND KINETICS OF LACTATE DEHYDROGENASE (LDH) FROM HEART AND FLIGHT MUSCLE OF THE HOUSE SPARROW, *PASSER DOMESTICUS*. *Am. Zool.* 23(4):976. 1983. Abstract only. WR 192
[Eastern Ky. Univ., Richmond]

84-002223 Finley, Eric. THE AFRICAN SILVERBILL (*LONCHURA MALABARICA CANTANS*). *Finch News* 13(2):21-25. Oct. 1983. WR 192

84-002224 Fischer, Marge and Larry Fischer. ANOTHER SUMMER TANAGER IN LYON COUNTY. *Loon* 55(3):124. 1983. WR 192
[RR 1, Tracy, MN] *Piranga rubra* in Minnesota.

84-002225 Fleischer, Robert Carl. POPULATION STRUCTURE, GENETIC STRUCTURE, AND NATURAL SELECTION IN THE HOUSE SPARROW. *Ph.D. dissertation, Univ. Kans.* 166p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):1025. Oct. 1983. WR 192
*Passer domesticus* in Kansas.

OTHER PASSERINE BIRDS (CONTINUED)

84-002226 Fleischer, Robert C. A COMPARISON OF THEORETICAL AND ELECTROPHORETIC ASSESSMENTS OF GENETIC STRUCTURE IN POPULATIONS OF THE HOUSE SPARROW (*PASSER DOMESTICUS*). *Evolution* 37(5):1001-1009. Sept. 1983. WR 192
[Dep. Biol. Sci., Univ. Calif., Santa Barbara 93106]

84-002227 Fletcher, Peter. BREAST MARKINGS IN THE DARK-BACKED WEAVER AT KAKAMEGA FOREST. *EANHS (East Afr. Nat. Hist. Soc.) Bull.* p. 63-64. Sept.-Oct. 1983. WR 192
[Box 43675, Nairobi, Kenya] *Ploceus bicolor* in Kenya.

84-002228 Follen, Don G., Sr. LOGGERHEAD SHRIKES IN WOOD COUNTY. *Passenger Pigeon* 45(3):80. 1983. WR 192
[9201 Rock Inn Rd., Arpin, WI 54410] *Lanius ludovicianus* in Wisconsin.

84-002229 Fonstad, Tore and Olav Hogstad. OBSERVATIONS OF A SECOND CLUTCH IN THE REDWING *TURDUS ILIACUS* IN A SUBALPINE HEATH BIRCH FOREST. *Fauna Norv. Ser. C Cinclus* 5(2):95. 1982. In English with Norwegian summ. WR 192
[Dep. Zool., Univ. Trondheim, N-7055 Dragvoll, Norway]

84-002230 Forbes-Watson, A. D. ARBOREAL LEAF-GLEANING BY TREE PIPIT. *Br. Birds* 76(11):535. Nov. 1983. WR 192
[Dep. Zool., South Parks Rd., Oxford OX1 3PS, England] *Anthus trivialis* in England.

84-002231 Ford, Hugh A. RELATION BETWEEN NUMBER OF HONEYEATERS AND INTENSITY OF FLOWERING NEAR ADELAIDE, SOUTH AUSTRALIA. *Corella* 7(2):25-31. June 1983. WR 192
[Univ. New England, Dep. Zool., Armidale, New South Wales 2351, Australia] Meliphagidae.

84-002232 Fowler, J. A.; Sharon Cohen and M. T. Greenwood. SEASONAL VARIATION IN THE INFESTATION OF BLACKBIRDS BY FLEAS. *Bird Study* 30(3):240-242. Nov. 1983. WR 192
[School Life Sci., Leicester Polytech., P.O. Box 143, Leicester LE1 9BH, England] *Turdus merula* in England.

84-002233 Francis, Michael. GREAT GREY SHRIKE PELLET ANALYSIS. *Br. Birds* 76(10):458. Oct. 1983. WR 192
[Silverdene, Main Rd., Crossgates, Seamer, Scarborough, North Yorkshire, England] *Lanius excubitor* in England.

84-002234 Franz, Dieter and Norbert Theiß. BRUTBIOLOGIE UND BESTANDSENTWICKLUNG EINER FARBBERINGTEN POPULATION DER BEUTELMEISE *REMIZ PENDULINUS*. [BREEDING BIOLOGY AND POPULATION DYNAMICS OF A COLOUR-BANDED PENDULINE TIT POPULATION *REMIZ PENDULINUS*.] *Verh. Ornithol. Ges. Bayern* 23(5/6):393-442. Oct. 1983. In German with English summ. WR 192
[Franz-Klingler-Str. 3, 8630 Coburg, West Germany]

OTHER PASSERINE BIRDS (CONTINUED)

84-002235 Franzreb, Kathleen E. and Barbara J. Franzreb. FORAGING ECOLOGY OF THE RED-FACED WARBLER DURING THE BREEDING SEASON. *West. Birds* 14(1):31-38. 1983. WR 192
[U.S. Fish & Wildl. Serv., 1230 N St., Sacramento, CA 95814] *Cardellina rubifrons* in Arizona.

84-002236 Fraser, Warwick. FORAGING PATTERNS OF SOME SOUTH AFRICAN FLYCATCHERS. *Ostrich* 54(3):150-155. Sept. 1983. WR 192
[28 Ninth Ave., Parktown North, Johannesburg 2193, South Africa] Data for 8 spp. of Muscicapidae.

84-002237 Fry, C. H. and J. H. Hosken. FOOD OF AN ARROWMARKED BABBLER. *Ostrich* 54(3):178. Sept. 1983. WR 192
[Univ. Aberdeen, Dep. Zool., Tillydrone Ave., Aberdeen, Scotland AB9 2TN] *Turdoides jardineii* in South Africa.

84-002238 Garcia, E. F. J. AN ORPHEAN WARBLER *SYLVIA HORTENSIS* WITH SUSPENDED WING MOULT. *Alectoris* No. 5. p. 21. 1983. WR 192

84-002239 Gaze, P. D. SONG THRUSH FAR AT SEA. *Notornis* 30(3):216. Sept. 1983. WR 192
[Ecol. Div., DSIR, Nelson, New Zealand] *Turdus philomelos*.

84-002240 Glück, Erich. NISTÖKOLOGISCHE SONDERUNG MITTELEUROPÄISCHER FRINGILLIDENARTEN IM BIOTOP STREUOBSTWIESE. [NEST-HABITAT SEPARATION OF SIX EUROPEAN FINCH SPECIES IN ORCHARDS.] *J. Ornithol.* 124(4):369-392. 1983. In German with English summ. WR 192
[Lehrstuhl Biol. V (Ökol.), Kopernikusstr. 16, D-5100 Aachen, West Germany]

84-002241 Grätz, Hans-Peter. NOTIZEN ZUR GEBIETSTREUE DER GEBIRGSSTELZE. [INFORMATION UPON SITE FIDELITY OF THE GRAY WAGTAIL.] *Falke* 28(5):160-163. May 1981. In German. WR 192
*Motacilla cinerea*.

84-002242 Grant, Nicola. THE BREEDING AND BEHAVIOUR OF MOCKINGBIRDS ON THE GALAPAGOS. *Not. Galapagos* No. 37. p. 28-31. 1983. WR 192
*Nesomimus trifasciatus*, *N. macdonaldi*, *N. melanotis*, and *N. parvulus*.

84-002243 Greenberg, Russell and Judy Gradwohl. SEXUAL ROLES IN THE DOT-WINGED ANTWREN (*MICRORHOPIAS QUIXENSIS*), A TROPICAL FOREST PASSERINE. *Auk* 100(4):920-925. Oct. 1983. WR 192
[Natl. Zool. Park, Smithsonian Inst., Washington, DC 20008]

84-002244 Greig-Smith, P. W. USE OF PERCHES AS VANTAGE POINTS DURING FORAGING BY MALE AND FEMALE STONECHATS *SAXICOLA TORQUATA*. *Behaviour* 86(3-4):215-236. 1983. WR 192
[Minist. Agric., Fish. & Food, Worplesdon Lab., Tangley Pl., Worplesdon, Guilford, Surrey, England]

OTHER PASSERINE BIRDS (CONTINUED)

84-002245 Greig-Smith, Peter; Michael F. Wilson; Christine A. Blunden and Gillian M. Wilson. BUD-EATING BY BULLFINCHES, *PYRRHULA PYRRHULA* IN RELATION TO THE CHEMICAL CONSTITUENTS OF TWO PEAR CULTIVARS. *Ann. Appl. Biol.* 103(2):335-343. Oct. 1983. WR 192
[Minist. Agric., Fisheries & Food, Agric. Sci. Serv., Worplesdon Lab., Tangley Pl., Worplesdon, Surrey, England]

84-002246 Gretch, Mark. A CENTRAL BREAST SPOT IN THE SAVANNAH SPARROW. *Kingbird* 33(4):254. 1983. WR 192
[P.O. Box 748, Champlain, NY 12919] *Passerculus sandwichensis.*

84-002247 Groschupf, Kathleen Diane. COMPARATIVE STUDY OF THE VOCALIZATIONS AND SINGING BEHAVIOR OF FOUR *AIMOPHILA* SPARROWS. *Ph.D. dissertation, Va. Polytech. Inst. & State Univ.* 150p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):1026. Oct. 1983. WR 192

84-002248 Gunzinger, Erwin. WIESENPIEPER *ANTHUS PRATENSIS* IN SOLOTHURNER JURA. [MEADOW PIPIT *ANTHUS PRATENSIS* IN THE SOLOTHURN JURAS.] *Ornithol. Beob.* 80(3):211-212. Sept. 1983. In German. WR 192

84-002249 Håland, Arnold and Stein Byrkjeland. DISTRIBUTION AND BREEDING HABITAT OF THE SEDGE WARBLER *ACROCEPHALUS SCHOENOBAENUS* IN WESTERN NORWAY. *Fauna Norv. Ser. C Cinclus* 5(2):65-72. 1982. In English with Norwegian summ. WR 192
[Dep. Anim. Ecol., Zool. Mus., Univ. Bergen, N-5000 Bergen, Norway]

84-002250 Haftorn, Svein. EGG TEMPERATURE DURING INCUBATION IN THE GREAT TIT *PARUS MAJOR*, IN RELATION TO AMBIENT TEMPERATURE, TIME OF DAY, AND OTHER FACTORS. *Fauna Norv. Ser. C Cinclus* 6(1):22-38. 1983. In English with Norwegian summ. WR 192
[Univ. Trondheim, The Museum, Erling Skakkesgt. 47A, N-7000 Trondheim, Norway]

84-002251 Haftorn, Svein. VARIATION IN BODY MEASUREMENTS OF THE WILLOW TIT *PARUS MONTANUS*, TOGETHER WITH A METHOD FOR SEXING LIVE BIRDS AND DATA ON THE DEGREE OF SHRINKAGE IN SIZE AFTER SKINNING. *Fauna Norv. Ser. C Cinclus* 5(1):16-26. 1982. In English with Norwegian summ. WR 192
[Univ. Trondheim, Erling Skakkesgt. 47A, N-7000 Trondheim, Norway]

84-002252 Handford, Paul. CONTINENTAL PATTERNS OF MORPHOLOGICAL VARIATION IN A SOUTH AMERICAN SPARROW. *Evolution* 37(5):920-930. Sept. 1983. WR 192
[Dep. Zool., Univ. Western Ontario, London, Ontario, Canada N6A 5B7] *Zonotrichia capensis.*

84-002253 Hanowski, JoAnn M. and Gerald J. Niemi. HENSLOW'S SPARROW IN RED LAKE PEATLAND. *Loon* 55(3):120-121. 1983. WR 192
[Lake Superior Basin Studies Cent., Univ. Minn., Duluth 55812] *Ammodramus henslowii* in Minnesota.

84-002254 Hansmann, Steve W. LAZULI BUNTING IN CHISAGO COUNTY. *Loon* 55(3):120. 1983. WR 192
[Rt. 3, Box 2111, North Branch, MN 55056] *Passerina amoena* in Minnesota.

OTHER PASSERINE BIRDS (CONTINUED)

84-002255 Hansson, Lennart. GRÅSPARVAR SOM MÖJLIGA POLLINATÖRER. [HOUSE SPARROWS, *PASSER DOMESTICUS*, AS POTENTIAL POLLINATORS.] *Vår Fågelvärld* 42(5):347. 1983. In Swedish with English summ. WR 192
[Sveriges Lantbruksuniv., 750 07 Uppsala, Sweden]

84-002256 Hausmann, Stefan. ZUR VARIATION DER KOPFZEICHNUNG BEI SCHAFSTELZEN *MOTACILLA FLAVA*. [VARIATION OF HEAD PATTERN AND COLOUR IN THE YELLOW WAGTAIL *MOTACILLA FLAVA*.] *Verh. Ornithol. Ges. Bayern* 23(5/6):515-519. Oct. 1983. In German with English summ. WR 192
[Föhrenstr. 7, 8042 Oberschleißheim, West Germany]

84-002257 Heads, P. A. and J. H. Lawton. TIT PREDATION ON THE HOLLY LEAF-MINER: THE EFFECT OF PRICKLY LEAVES. *Oikos* 41(2):161-164. Oct. 1983. In English with Russian summ. WR 192
[Dep. Biol., Univ. York, York Y01 5DD, England] *Parus caeruleus* in England.

84-002258 Heckendorf, Bernd-Udo and Ingrid Hansen. ZUM NESTBAUMATERIAL DER SCHWANZMEISE. [ON THE NEST BUILDING MATERIAL OF LONG-TAILED TITS.] *Falke* 29(1):26. Jan. 1982. In German. WR 192
*Aegithalos caudatus*.

84-002259 Hellmich, Joachim and Angelika Zwernemann. ZUM INTERSPEZIFISCHEN VERHALTEN DER BLAUMERLE (*MONTICOLA SOLITARIUS*). [ON INTERSPECIFIC BEHAVIOR OF THE BLUE ROCK THRUSH *MONTICOLA SOLITARIUS*.] *Vogelwelt* 104(5):161-168. 1983. In German with Spanish and English summ. WR 192
[Hagener Berg 7, 3057 Neustadt 1, West Germany]

84-002260 Herlugson, Christopher J. HOVER-FORAGING BY WESTERN BLUEBIRDS. *Murrelet* 64(2):58-60. 1983. WR 192
[P.O. Box 1972, Palmer, AK 99645] *Sialia mexicana* in Washington.

84-002261 Herlugson, Christopher J. GROWTH OF NESTLING MOUNTAIN BLUEBIRDS. *J. Field Ornithol.* 54(3):259-265. 1983. WR 192
[P.O. Box 1972, Palmer, AK 99645] *Sialia currucoides* in Washington.

84-002262 Hermann, Hellfried. ÖKOLOGIE UND VERHALTEN DER ROHRAMMER *EMBERIZA SCHOENICLUS* IN DEN AMPERAUEN BEI EMMERING. [ECOLOGY AND BEHAVIOUR OF THE REED BUNTING *EMBERIZA SCHOENICLUS* IN THE AMPER WATERMEADOW NEAR EMMERING IN UPPER BAVARIA.] *Verh. Ornithol. Ges. Bayern* 23(5/6):459-477. Oct. 1983. In German with English summ. WR 192
[Inst. Vogelkunde, 8821 Triesdorf, Sandrinaweg 1, West Germany]

84-002263 Hildén, Olavi. A HYBRID *PARUS ATER* X *P. MONTANUS* FOUND IN FINLAND. *Ornis Fenn.* 60(2):58-61. 1983. In English with Finnish summ. WR 192
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

OTHER PASSERINE BIRDS (CONTINUED)

84-002264 Hoffmeister, Peter. AUFZUCHT EINER MEHLSCHWALBE. [BREEDING OF SOME HOUSE MARTINS.] *Falke* 28(6):209. June 1981. In German. WR 192
*Delichon urbica*.

84-002265 Hogstad, O. SITE FIDELITY AND A CASE OF SECOND CLUTCH IN FIELDFARE *TURDUS PILARIS*. *Fauna Norv. Ser. C Cinclus* 6(2):114. 1983. In English with Norwegian summ. WR 192
[Dep. Zool., Univ. Trondheim, N-7055 Dragvoll, Norway]

84-002266 Hogstad, Olav. SEASONAL AND DAILY WEIGHT VARIATION OF ADULT BRAMBLINGS *FRINGILLA MONTIFRINGILLA* DURING THE BREEDING SEASON. *Fauna Norv. Ser. C Cinclus* 5(2):59-64. 1982. In English with Norwegian summ. WR 192
[Dep. Zool., Univ. Trondheim, N-7055 Dragvoll, Norway]

84-002267 Hurley, George F. and John W. Jones II. A PRESUMED MIXED BAY-BREASTED X BLACKBURNIAN WARBLER NESTING IN WEST VIRGINIA. *Redstart* 50(4):108-111. Oct. 1983. WR 192
[920 Hughes Dr., St. Albans, WV] *Dendroica castanea* and *D. fusca*.

84-002268 Hussell, David J. T. AGE AND PLUMAGE COLOR IN FEMALE TREE SWALLOWS. *J. Field Ornithol.* 54(3):312-318. 1983. WR 192
[Wildl. Res. Stn., Ontario Minist. Nat. Resour., P.O. Box 50, Maple, Ontario, Canada L0J 1E0] *Tachycineta bicolor* in Canada.

84-002269 Hussell, David J. T. TREE SWALLOW PAIRS RAISE TWO BROODS IN A SEASON. *Wilson Bull.* 95(3):470-471. Sept. 1983. WR 192
[Wildl. Res. Sect., Ontario Minist. Nat. Resour., P.O. Box 50, Maple, Ontario, Canada L0J 1E0] *Tachycineta bicolor* in Canada.

84-002270 Hussell, David J. T. MIGRATIONS OF LEAST AND YELLOW-BELLIED FLYCATCHERS. *Long Point Bird Observatory Annu. Rep.* 1980:19-21. Dec. 1982. WR 192
*Empidonax flaviventris* and *E. minimus* in Canada.

84-002271 Hussell, David and Terry Quinney. EFFECTS OF WEATHER AND FOOD SUPPLY ON BREEDING IN TREE SWALLOWS. *Long Point Bird Observatory Annu. Rep.* 1979:18-20. Nov. 1982. WR 192
*Tachycineta bicolor* in Canada.

84-002272 Inkley, Douglas B. A TRANSPARENT NEST BOX FOR SWALLOWS. *West. Birds* 14(2):112. 1983. WR 192
[Zool. & Physiol. Dep., Univ. Wyo., Box 3166, University Station, Laramie 82071] *Tachycineta thalassina* and *T. bicolor*.

84-002273 Järvinen, Antero and Risto A. Väisänen. EGG SIZE AND RELATED REPRODUCTIVE TRAITS IN A SOUTHERN PASSERINE *FICEDULA HYPOLEUCA* BREEDING IN AN EXTREME NORTHERN ENVIRONMENT. *Ornis Scand.* 14(4):253-262. Nov. 1983. WR 192
[Kilpisjärvi Biol. Stn., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

OTHER PASSERINE BIRDS (CONTINUED)

84-002274 Jaama, K. ROOHABEKA (*PANURUS BIARMICUS*) ESMASLEID EESTIS. [THE FIRST ENCOUNTER OF THE BEARDED TITMOUSE (*PANURUS BIARMICUS*) IN ESTONIA.] *Loodusevaatlusi* 1980(1):190-191. 1982. In Estonian with Russian and English summ. WR 192

84-002275 Jackson, W. T. and D. A. Stone. GREAT REED WARBLER ATTACKING REED WARBLERS. *Br. Birds* 76(10):456. Oct. 1983. WR 192
[4 Aintree Dr., Lillington, Leamington Spa, West Midlands CV32 7TG, England] *Acrocephalus arundinaceus* and *A. scripaceus* in England.

84-002276 Janes, Stewart W. STATUS, DISTRIBUTION, AND HABITAT SELECTION OF THE GRASSHOPPER SPARROW IN MORROW COUNTY, OREGON. *Murrelet* 64(2):51-54. 1983. WR 192
[Dep. Biol., Univ. Calif., Los Angeles 90024] *Ammodramus savannarum.*

84-002277 Jenni, Lukas and Raffael Winkler. ALTERSBESTIMMUNG UND UMFANG DER JUGENDMAUSER IN ABHÄNGIGKEIT VON DER JAHRESZEIT BEIM ZAUNKÖNIG *TROGLODYTES TROGLODYTES.* [AGE DETERMINATION AND POSTJUVENAL MOULT IN RELATION TO SEASON IN THE WREN *TROGLODYTES TROGLODYTES.*] *Ornithol. Beob.* 80(3):203-207. Sept. 1983. In German with English summ. WR 192
[Naturhist. Mus., 4001 Basel, Switzerland]

84-002278 Jensen, Flemming P. A NEW SPECIES OF SUNBIRD FROM TANZANIA. *Ibis* 125(4):447-449. Oct. 1983. WR 192
[Zool. Mus., Univ. Copenhagen, Universitetsparken 15, DK-2100 Copenhagen Ø, Denmark] *Nectarinia rufipennis.*

84-002279 Johnson, J. W. WORM-EATING WARBLER AT HURON. *S.D. Bird Notes* 35(4):69. Dec. 1983. WR 192
*Helmintheros vermivorus* in South Dakota.

84-002280 Johnson, Richard E. NESTING BIOLOGY OF THE ROSY FINCH ON THE ALEUTIAN ISLANDS, ALASKA. *Condor* 85(4):447-452. Nov. 1983. WR 192
[Dep. Zool., Wash. State Univ., Pullman 99164-4220] *Leucosticte griseonucha (arctoa) griseonucha.*

84-002281 Jones, P. J. HAEMATOCRIT VALUES OF BREEDING RED-BILLED QUELEAS *QUELEA QUELEA* (AVES: PLOCEIDAE) IN RELATION TO BODY CONDITION AND THYMUS ACTIVITY. *J. Zool. (Lond.)* 201(2):217-222. Oct. 1983. WR 192
[Dep. For. & Nat. Resour., Univ. Edinburgh, Kings Bldg., Edinburgh EH9 3JU, Scotland]

84-002282 Joseph, Leo and Rob Drummond. FOOD ITEM OF THE BLACK BUTCHERBIRD. *Sunbird* 12(4):49-50. Dec. 1982. WR 192
[1 Angas St., Kent Town, South Australia, Australia 5067] *Cracticus quoyi* in Australia.

84-002283 Joseph, Leo. A FURTHER POPULATION OF THE GREY GRASSWREN. *Sunbird* 12(4):51-53. Dec. 1982. WR 192
[1 Angas St., Kent Town, South Australia, Australia 5067] *Amytornis barbatus* in Australia.

OTHER PASSERINE BIRDS (CONTINUED)

84-002284 Källander, Hans. ÅTERFYND AV TALGOXAR OCH BLÅMESAR RINGMÄRKTA I SVERIGE. [RECOVERIES OF GREAT TITS *PARUS MAJOR* AND BLUE TITS *P. CAERULEUS* RINGED IN SWEDEN.] *Vår Fågelvärld* 42(6):413-424. 1983. In Swedish with English summ. WR 192
[Ekologihuset, S-223 62, Lund, Sweden]

84-002285 Kepler, Cameron B. and Angela K. Kepler. A FIRST RECORD OF THE NEST AND CHICKS OF THE SMALL KAUAI THRUSH. *Condor* 85(4):497-499. Nov. 1983. WR 192
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Maui Field Stn., 248 Kaweo Pl., Kula, HI 96790] *Phaeornis palmeri* in Hawaii.

84-002286 Khayutin, S. N. and L. P. Dmitrieva. [THE ACOUSTIC ORGANIZATION OF DEFENSIVE BEHAVIOUR OF THE NESTLINGS IN *FICEDULA HYPOLEUCA*.] *Zool. Zh.* 62(9):1382-1393. Sept. 1983. In Russian with English summ. WR 192
[Inst. Higher Nervous Activity, USSR Acad. Sci., Moscow, USSR]

84-002287 Kitson, A. R.; R. F. Porter and R. A. Hume. CALL OF BONELLI'S WARBLER. *Br. Birds* 76(11):537. Nov. 1983. WR 192
[12 Hillside Terrace, Steyning, Sussex, England] *Phylloscopus bonelli* in Turkey and Israel.

84-002288 Klem, Daniel, Jr.; Susan A. Finn and Joseph H. Nave, Jr. GROSS MORPHOLOGY AND GENERAL HISTOLOGY OF THE VENTRICULUS, INTESTINUM, CAECA AND CLOACA OF THE HOUSE SPARROW (*PASSER DOMESTICUS*). *Proc. Pa. Acad. Sci.* 57(1):27-32. 1983. WR 192
[Dep. Biol., Muhlenberg Coll., Allentown, PA 18104]

84-002289 Korotkov, K. O. and N. S. Morozov. [AN OCCURRENCE OF THE DIPPER IN MOSCOW REGION.] *Ornitologiya* 18:167. 1983. In Russian. WR 192
*C. cinclus* in USSR.

84-002290 Krabbe, Niels. A PUZZLING *SYLVIA* FROM EILAT, ISRAEL. *Ornithol. Soc. Middle East Bull.* 10:13-14. 1983. WR 192
[Møllegade 21, 2200 Copenhagen, Denmark] *S. melanocephala norissae.*

84-002291 Krauß, Andreas. UNGEWÖHNLICHE NAHRUNG EINES RAUBWÜRGERS. [UNUSUAL FEEDING HABITS OF THE LESSER GRAY SHRIKE.] *Falke* 28(6):211. June 1981. In German. WR 192
*Lanius excubitor.*

84-002292 Kreutzer, Michel. L'ASYMÉTRIE ENTRE LE CODAGE ET LE DÉCODAGE DU TEMPO, FACTEUR D'ÉVOLUTION DES CHANTS CHEZ LE BRUANT ZIZI (*EMBERIZA CIRLUS*). [THE ASYMMETRY BETWEEN CODING AND DECODING TEMPOS AS A FACTOR IN THE EVOLUTION OF THE CIRL BUNTING'S SONG.] *C.R. Hebd. Séances Acad. Sci. Sér. III* 297(2):71-74. 19 Sept. 1983. In French with English summ. WR 192
[Lab. Éthol. Exp., CNRS-E.R.A. 885, Stn. Terrain de Saint Lucien, 28210 Nogent-le-Roi, France]

OTHER PASSERINE BIRDS (CONTINUED)

84-002293 Krivitski, I. A.; N. P. Knysh and A. V. Zorya. [EXPANSION OF A NESTING RANGE OF THE REDWING IN NORTH-EASTERN UKRAINE.] *Ornitologiya* 18:198. 1983. In Russian. WR 192
*Turdus musicus* in USSR.

84-002294 Kuitunen, Markku and Timo Törmälä. THE FOOD OF TREECREEPER *CERTHIA F. FAMILIARIS* NESTLINGS IN SOUTHERN FINLAND. *Ornis Fenn.* 60(2):42-44. 1983. In English with Finnish summ. WR 192
[Dep. Biol., Univ. Jyväskylä, SF-40100 Jyväskylä 10, Finland]

84-002295 Lövei, G. L. WING SHAPE VARIATIONS OF CHIFFCHAFFS ON AUTUMN MIGRATION IN HUNGARY. *Ringing Migration* 4(4):231-236. Oct. 1983. WR 192
[c/o Dr. M. Iaccarino, CNR Ist. Int. Genet. Biofisica, Via G. Marconi 10, I-80125 Naples, Italy] *Phylloscopus collybita.*

84-002296 Lamar, William W. UNUSUAL BATHING BEHAVIOR OF THE FORK-TAILED FLYCATCHER IN COLOMBIA. *Wilson Bull.* 95(3):488-489. Sept. 1983. WR 192
[Dep. Biol., Univ. Tex., Arlington 76019] *Tyrannus savana.*

84-002297 Lampérth-Seiler, Elisabeth. FRÜHE BRUT DES KERNBEIßERS *COCCOTHRAUSTES COCCOTHRAUSTES.* [EARLY BROOD OF THE HAWFINCH *COCCOTHRAUSTES COCCOTHRAUSTES.*] *Ornithol. Beob.* 80(3):212. Sept. 1983. In German. WR 192

84-002298 Landing, James E. and Sebastian Patti. ILLINOIS' FIRST CASSIN'S SPARROW. *Ill. Audubon Bull.* No. 206. p. 26-27. 1983. WR 192
[2135 W. Cortez, Chicago, IL 60622] *Aimophila cassinii.*

84-002299 Lane, S. G. FUSCOUS HONEYEATER *LICHENOSTOMUS FUSCUS. Corella* 7(3):64-65. Sept. 1983. WR 192

84-002300 Langley, C. H. NOTES ON THE BREEDING AND DIET OF THE SOUTHERN BOUBOU. *Ostrich* 54(3):172-173. Sept. 1983. WR 192
[Rondevlei Bird Sanctuary, Fishermans Walk, Zeekoevlei, 7800 South Africa] *Laniarius ferrugineus* in South Africa.

84-002301 Laycock, H. T. and D. B. Hanmer. LONGEVITY IN WEAVER BIRDS. *Safring News* 10:6-9. 1981. WR 192
[39 Armstrong Dr., Pietermaritzburg, Natal 3201, South Africa] *Amplyospiza albifrons* in South Africa.

84-002302 LeCroy, Mary. THE SPELLING OF *SENIOPTERA WALLACII* (PARADISAEIDAE). *Bull. Br. Ornithol. Club* 103(4):144-145. Dec. 1983. WR 192
[Dep. Ornithol., Am. Mus. Nat. Hist., New York, NY 10024]

84-002303 LeGrand, Harry E., Jr. SAVANNAH SPARROWS ON TERRITORY IN ALLEGHANY COUNTY, N.C. *Chat* 47(3):72-73. 1983. WR 192
[331 Yadkin Dr., Raleigh, NC 27609] *Passerculus sandwichensis.*

OTHER PASSERINE BIRDS (CONTINUED)

84-002304 Leisler, Bernd; Georg Heine and Karl-Heinz Siebenrock. EINNISCHUNG UND INTERSPEZIFISCHE TERRITORIALITÄT ÜBERWINTERNDER STEINSCHMÄTZER (*OENANTHE ISABELLINA, O. OENANTHE, O. PLESCHANKA*) IN KENIA. [PATTERNS OF INTERSPECIFIC INTERACTIONS AMONG WINTERING WHEATEARS (*OENANTHE ISABELLINA, O. OENANTHE, O. PLESCHANKA*) AND RESIDENT CHATS IN KENYA.] *J. Ornithol.* 124(4):383-413. 1983. In German with English summ. WR 192
[Max-Planck-Inst. Verhaltensphysiol., Vogelwarte Radolfzell, Am Obstberg, 7760 Radolfzell, West Germany]

84-002305 Lendrem, Dennis William. PREDATION RISK AND VIGILANCE IN THE BLUE TIT (*PARUS CAERULEUS*). *Behav. Ecol. Sociobiol.* 14(1):9-13. 1983. WR 192
[Dep. Psychol., Ridley Bldg., Claremont Pl., Newcastle-upon-Tyne NE1 7RU, England]

84-002306 Lifjeld, Jan. SEX RATIO OF GOLDCRESTS *REGULUS REGULUS* ON AUTUMN MIGRATION. *Fauna Norv. Ser. C Cinclus* 5(1):36-39. 1982. In English with Norwegian summ. WR 192
[Zool. Inst., Univ. Trondheim, Rosenborg, N-7000 Trondheim, Norway]

84-002307 Limbert, Martin. SAND MARTINS NESTING IN PEAT FACES IN BRITAIN. *Naturalist (Leeds)* 108(966):107. July-Sept. 1983. WR 192
[Mus. & Art Gallery, Doncaster, England] *Riparia riparia.*

84-002308 Lindell, L. PUNGMES *REMIZ PENDULINUS* HACKANDE PÅ ÖLAND 1981. [THE FIRST BREEDING OF PENDULINE TIT *REMIZ PENDULINUS* ON ÖLAND.] *Calidris* 82(1):74-78. 1982. From Ecol. Abstr. 1982/6:82L/8485. 1982. In Swedish with English summ. WR 192

84-002309 Loske, Karl-Heinz. EINE FLÜGELLOS GEBORENE MEHLSCHWALBE (*DELICHON URBICA*). [A WINGLESS HOUSE MARTIN *DELICHON URBICA.*] *Vogelwelt* 104(5):178-179. 1983. In German with English summ. WR 192
[Oberdorfstr. 1a, D-4787 Geseke-Langeneicke, West Germany]

84-002310 Müller, Lothar. ÜBER DIE KÜNSTLICHE AUFZUCHT VON BLUTHÄNFLINGEN. [ON THE SKILLFUL REARING OF LINNETS.] *Falke* 28(2):62-64. Feb. 1981. In German. WR 192
*Carduelis.*

84-002311 Magarry, D. BLACK-WINGED MONARCH NEAR CAIRNS, NORTH QUEENSLAND. *Sunbird* 13(2):36-37. 1983. WR 192
[29 Heavey Crescent, Whitfield, Queensland 4870, Australia] *Monarcha frater.*

84-002312 Martin, Rob. POSSIBLE ECLIPSE PLUMAGE IN THE LESSER DOUBLECOLLARED SUNBIRD. *Bokmakierie* 35(3):67. Sept. 1983. WR 192
[Fac. For., Univ. Stellenbosch, Stellenbosch 7600, South Africa] *Nectarinia chalybea* in South Africa.

84-002313 Mason, Wayne M. and Blaine R. Ferrell. CEDAR WAXWINGS NESTING IN WARREN COUNTY. *Ky. Warbler* 59(4):59. Nov. 1983. WR 192
[Dep. Biol., Western Ky. Univ., Bowling Green] *Bombycilla cedrorum* in Kentucky.

OTHER PASSERINE BIRDS (CONTINUED)

84-002314 Mautsch, Helmar. BEOBACHTUNGEN AM NEST DER KALANDERLERCHE IN DER BULGARISCHEN DOBRUDSCHA. [OBSERVATIONS AT THE NEST OF CALANDRA LARK IN THE BULGARIAN DOBRUDSCHA.] *Falke* 28(3):86-88. Mar. 1981. In German. WR 192
*Melanocorypha calandra.*

84-002315 Mayfield, Harold F. KIRTLAND'S WARBLER, VICTIM OF ITS OWN RARITY? *Auk* 100(4):974-976. Oct. 1983. WR 192
[9235 River Rd., Waterville, OH 43566] *Dendroica kirtlandii.*

84-002316 McGregor, Peter K.; John R. Krebs and Laurene M. Ratcliffe. THE REACTION OF GREAT TITS (*PARUS MAJOR*) TO PLAYBACK OF DEGRADED AND UNDEGRADED SONGS: THE EFFECT OF FAMILIARITY WITH THE STIMULUS SONG TYPE. *Auk* 100(4):898-906. Oct. 1983. WR 192
[Edward Grey Inst., Dep. Zool., South Parks Rd., Oxford OX1 3PS, England]

84-002317 McKelvey, S. David. SUCCESSFUL HAND-REARING OF THE WHITE-NECKED PICATHARTES *PICATHARTES GYMNOCEPHALUS* AT SAN ANTONIO ZOO. *Int. Zoo Yearb.* 21:219-221. 1981. WR 192
[San Antonio Zool. Gardens, 3903 N. St. Mary's St., San Antonio, TX 78212]

84-002318 McNair, Douglas B. ADDITIONAL INFORMATION ON A HISTORICAL BREEDING RECORD OF THE LARK SPARROW IN NORTH CAROLINA. *Chat* 47(3):73-75. 1983. WR 192
[Dep. Zool., Clemson Univ., Clemson, SC 29631] *Chondestes grammacus.*

84-002319 McNeil, D. A. C. and F. Clark. FURTHER OBSERVATIONS ON NEST ARCHITECTURE OF THE HOUSE MARTIN. *Bird Study* 30(3):238-239. Nov. 1983. WR 192
[Charles Keene Coll., Painter St., Leicester, England] *Delichon urbica* in England.

84-002320 Mehlum, Fridtjof. WEIGHT CHANGES IN MIGRATING ROBINS *ERITHACUS RUBECULA* DURING STOP-OVER AT THE ISLAND OF STORE FÆRDER, OUTER OSLOFJORD, NORWAY. *Fauna Norv. Ser. C Cinclus* 6(2):57-61. 1983. In English with Norwegian summ. WR 192
[Norsk Polarinst., Box 158, N-1330 Oslo Lufthavn, Norway]

84-002321 Mehlum, Fridtjof. RESTING TIME IN MIGRATING ROBINS *ERITHACUS RUBECULA* AT STORE FÆRDER, OUTER OSLOFJORD, NORWAY. *Fauna Norv. Ser. C Cinclus* 6(2):62-72. 1983. In English with Norwegian summ. WR 192
[Norsk Polarinst., Box 158, N-1330 Oslo Lufthavn, Norway]

84-002322 Meigs, James B.; David C. Smith and Joseph Van Buskirk. AGE DETERMINATION OF BLACK-CAPPED CHICKADEES. *J. Field Ornithol.* 54(3):283-286. 1983. WR 192
[Dep. Biol., Williams Coll., Williamstown, MA 01267] *Parus atricapillus* in Massachusetts.

OTHER PASSERINE BIRDS (CONTINUED)

84-002323 Meriste, A. ROOHABEKAS (*PANURUS BIARMICUS*) MATSALU ROOSTIKUS. [THE BEARDED TITMOUSE (*PANURUS BIARMICUS*) IN THE REED-BEDS OF MATSALU.] *Loodusevaatlusi* 1980(1):192-193. 1982. In Estonian with Russian and English summ. WR 192

84-002324 Millington, S. J. and P. R. Grant. FEEDING ECOLOGY AND TERRITORIALITY OF THE CACTUS FINCH *GEOSPIZA SCANDENS* ON ISLA DAPHNE MAJOR, GALÁPAGOS. *Oecologia (Berl.)* 58(1):76-83. Apr. 1983. WR 192
[Grant: Div. Biol. Sci., Univ. Mich., Ann arbor 48109]

84-002325 Mochol, Frank Edmund. SONG COMPONENTS ELICITING SPECIES RECOGNITION IN THE YELLOW WARBLER (*DENDROICA PETECHIA*). *M.A. thesis, State Univ. N.Y. (Geneseo)* 35p. 1982. From Masters Abstr. 21(1):114. Mar. 1983. WR 192

84-002326 Moermond, T. C. SUCTION-DRINKING IN TANAGERS THRAUPIDAE AND ITS RELATION TO FRUGIVORY. *Ibis* 125(4):545-549. Oct. 1983. WR 192
[Dep. Zool., Univ. Wis., Madison 53706]

84-002327 Morlan, Joseph and Richard A. Erickson. A EURASIAN SKYLARK AT POINT REYES, CALIFORNIA, WITH NOTES ON SKYLARK IDENTIFICATION AND SYSTEMATICS. *West. Birds* 14(3):113-126. 1983. WR 192
[417 Talbot Ave., Albany, CA 94706] *Alauda arvensis.*

84-002328 Morrison, Michael L. ANALYSIS OF GEOGRAPHIC VARIATION IN THE TOWNSEND'S WARBLER. *Condor* 85(4):385-391. Nov. 1983. WR 192
[Dep. For. & Resour. Manage., Univ. Calif., Berkeley 94720] *Dendroica townsendi.*

84-002329 Moyer, D. C. A RECORD OF THE PEARL-BREASTED SWALLOW *HIRUNDO DIMIDIATA* FROM LAKE SUNDU IN SOUTHWESTERN TANZANIA. *Scopus* 7(2):51-52. June 1983. WR 192
[325 E. Walnut St., Perkasie, PA 18944]

84-002330 Moyer, D. C. A RECORD OF THE ANGOLA WHITE-BELLIED SUNBIRD *NECTARINIA OUSTALETI* FROM KASESYA IN SOUTHWESTERN TANZANIA. *Scopus* 7(2):52. June 1983. WR 192
[325 E. Walnut St., Perkasie, PA 18944]

84-002331 Murdock, Katherine P. PROTHONOTARY WARBLER IN HOT SPRINGS. *S.D. Bird Notes* 34(4):96. Dec. 1982. WR 192
[Hot Springs, SD 57747] *Protonotaria citrea* in South Dakota.

84-002332 Murphy, M. E. and J. R. King. DIETARY SULFUR AMINO ACID (SAA) AVAILABILITY AND MOLT DYNAMICS IN WHITE-CROWNED SPARROWS (WCS). *Am. Zool.* 23(4):991. 1983. Abstract only. WR 192
[Wash. State Univ., Pullman] *Zonotrichia leucophrys.*

84-002333 Ndao, B. LE MOINEAU DOMESTIQUE (*PASSER DOMESTICUS*), ESPÈCE NOUVELLE POUR LE SÉNÉGAL. [THE HOUSE SPARROW *PASSER DOMESTICUS*, A NEW SPECIES FOR SENEGAL.] *Bull. Inst. Fondam. Afr. Noire*

OTHER PASSERINE BIRDS (CONTINUED)

84-002333 CONTINUED *Sér. A Sci. Nat.* 42(2):422-425. 1980. From Ecol. Abstr. 1982/6:82L/8492. 1982. In French with English summ. WR 192

84-002334 Nechaev, V. A. and V. D. Kurenkov. [THE GREEN-HEADED WAGTAIL IN SAKHALIN ISLAND.] *Ornitologiya* 18:173-176. 1983. In Russian. WR 192
*Motacilla taivana* in USSR.

84-002335 Nilsson, Lars. FÖRLUSTER AV ÄGG OCH BOUNGAR HOS SÄVSPARV *EMBERIZA SCHOENICLUS* I FJÄLLBJÖRKSKOG. [LOSSES OF EGGS AND NESTLINGS OF THE REED BUNTING, *EMBERIZA SCHOENICLUS*, IN SUBALPINE BIRCH FOREST AT AMMARNÄS, SWEDISH LAPLAND.] *Vår Fågelvärld* 42(6):425-428. 1983. In Swedish with English summ. WR 192
[Lagmansgatan 22 A, S-595 00 Mjölby, Sweden]

84-002336 Norris, Larry L. and Randy Morgenson. NESTING OF WATER PIPITS IN SEQUOIA AND KINGS CANYON NATIONAL PARKS. *West. Birds* 13(1-4):39-40. 1982. WR 192
[Res. Office, Sequoia & Kings Canyon Natl. Parks, Three Rivers, CA 93271]
*Anthus spinoletta*.

84-002337 Norris, Russell T. BANDING REPORT: EURASIAN SISKIN IN ROCKPORT, MASSACHUSETTS. *Bird Observer East. Mass.* 11(3):173. June 1983. WR 192
*Carduelis pinus*.

84-002338 Nur, N. THE SIGNIFICANCE OF CLUTCH SIZE VARIABILITY IN THE BLUE TIT: AN EXPERIMENTAL TEST OF THE "GOOD PARENT" HYPOTHESIS. *Am. Zool.* 23(4):964. 1983. Abstract only. WR 192
[Livingston Coll., New Brunswick, NJ] *Parus caeruleus* in England.

84-002339 O'Donnell, Colin F. J. and Peter J. Dilks. A CIRL BUNTING IN SOUTH WESTLAND. *Notornis* 30(3):253. Sept. 1983. WR 192
[Wildl. Serv., Dep. Internal Affairs, P.O. Box 1308, Christchurch, New Zealand] *Emberiza cirlus* in New Zealand.

84-002340 Olafsson, Erling. FJALLALÆVIRKI SÉST Á ÍSLANDI. [THE SHORE LARK *EREMOPHILA ALPESTRIS* RECORDED FROM ICELAND.] *Bliki* 1:40-41. May 1983. In Icelandic with English summ. WR 192
[Náttúrufræðistofnun Islands, Pósthólf 5320, 125 Reykjavík, Iceland]

84-002341 Orell, Markku and Mikko Ojanen. EFFECT OF HABITAT, DATE OF LAYING AND DENSITY ON CLUTCH SIZE OF THE GREAT TIT *PARUS MAJOR* IN NORTHERN FINLAND. *Holarctic Ecol.* 6(4):413-423. Oct. 1983. WR 192
[Dep. Zool., Univ. Oulu, Kasarmintie 8, SF-90100 Oulu 10, Finland]

84-002342 Orell, Markku and Mikko Ojanen. BREEDING SUCCESS AND POPULATION DYNAMICS IN A NORTHERN GREAT TIT *PARUS MAJOR* POPULATION. *Ann. Zool. Fenn.* 20(2):77-98. 1983. WR 192
[Dep. Zool., Univ. Oulu, Kasarmintie 8, SF-90100 Oulu 10, Finland]

OTHER PASSERINE BIRDS (CONTINUED)

84-002343 Orell, Markku and Mikko Ojanen. BREEDING BIOLOGY AND POPULATION DYNAMICS OF THE WILLOW TIT *PARUS MONTANUS*. *Ann. Zool. Fenn.* 20(2):99-114. 1983. WR 192
[Dep. Zool., Univ. Oulu, Kasarmintie 8, SF-90100 Oulu 10, Finland]

84-002344 Orr, Norman; Simon J. Leach and V. R. Tucker. CIRL BUNTINGS AND ELM TREES. *Br. Birds* 76(10):460-461. Oct. 1983. WR 192
[4 Denham Dr., Christchurch, Dorset BH23 5AT, England] *Emberiza cirlus*.

84-002345 Ouweneel, G. L. DE BOSRIETZANGER. [THE SEDGE WARBLER.] *Vogels* No. 16. p. 157-159. July-Aug. 1983. In Dutch. WR 192
*Acrocephalus schoenobaenus*.

84-002346 Pétursson, Gunnlaugur. SILKITOPPUR HAUSTIÐ 1981. [WAXWINGS IN AUTUMN 1981.] *Bliki* 1:41-42. May 1983. In Icelandic with English summ. WR 192
[Dalalandi 8, 108 Reykjavík, Iceland] *Bombycilla garrulus* in Iceland.

84-002347 Palmer-Ball, Brainard, Jr. SCISSOR-TAILED FLYCATCHER IN LIVINGSTON COUNTY. *Ky. Warbler* 59(4):59-60. Nov. 1983. WR 192
[8207 Old Westport Rd., Louisville, KY] *Muscivora forficata* in Kentucky.

84-002348 Palmer, Jeffrey S. AN ADULT MALE WESTERN TANAGER IN BEMIDJI. *Loon* 55(3):122. 1983. WR 192
[4650 Sherman Dr., Bemidji, MN] *Piranga ludoviciana* in Minnesota.

84-002349 Palmer, K. H. THE BREEDING SEASON STATUS OF THE GREY WAGTAIL IN THE LONDON AREA, 1979-81. *Lond. Bird Rep.* No. 47. p. 106-122. Sept. 1983. WR 192
[55 Clarendon Way, Chislehurst, Kent, England] *Motacilla cinerea*.

84-002350 Parker, Shane A. and H. John Eckert. REMARKS ON THE TAXONOMY OF THE GENUS *CALAMANTHUS* (FIELDWRENS). *S. Aust. Ornithol.* 29(3):65-71. Sept. 1983. WR 192
[South Australian Mus., Adelaide, South Australia 5000, Australia]

84-002351 Patti, Sebastian T. BREWER'S SPARROW IN CIMARRON COUNTY, OKLAHOMA, IN WINTER. *Bull. Okla. Ornithol. Soc.* 16(4):33-34. Dec. 1983. WR 192
[6528 Wenonga Terrace, Shawnee Mission, KS 66208] *Spizella breweri*.

84-002352 Pavgi, Sushama and Asha Chandola. PHOTOPERIODIC TIME MEASUREMENT IN SEASONAL REPRODUCTION OF THE WEAVER BIRD (*PLOCEUS PHILIPPINUS*). *Gen. Comp. Endocrinol.* 52(1):126-133. Oct. 1983. WR 192
[Dep. Zool., Banaras Hindu Univ., Varanasi-221005, India]

84-002353 Payne, Robert B. THE SOCIAL CONTEXT OF SONG MIMICRY: SONG-MATCHING DIALECTS IN INDIGO BUNTINGS (*PASSERINA CYANEA*). *Anim. Behav.* 31(3):788-805. Aug. 1983. WR 192
[Mus. Zool. & Div. Biol. Sci., Univ. Mich., Ann Arbor 48109]

OTHER PASSERINE BIRDS (CONTINUED)

84-002354 Pearson, D. J. and G. C. Backhurst. MOULT IN THE RIVER WARBLER *LOCUSTELLA FLUVIATILIS*. *Ringing Migration* 4(4):227-230. Oct. 1983. WR 192
[Box 30197, Nairobi, Kenya]

84-002355 Penhallurick, R. D. THE DECLINE OF THE CIRL BUNTING. *Br. Birds* 76(10):461-462. Oct. 1983. WR 192
[County Mus., Truro, Cornwall, England] *Emberiza cirlus* in England.

84-002356 Perkins, J. P. and Ruth L. Perkins. THE LA SAGRA'S FLYCATCHER (*MYIARCHUS SAGRAE*). *Redstart* 50(3):93-95. July 1983. WR 192
[118 Grandview Ave., Conneaut, OH 44030]

84-002357 Petřík, František. BREEDING BIOLOGY OF THE MARSH WARBLER (*ACROCEPHALUS PALUSTRIS*) IN THE POND AREAS OF THE OSTRAVA BASIN. *Folia Zool.* 32(2):137-143. 1983. In English with Russian summ. WR 192
[District Mus. Nat. Sci., Gottwaldovo nám. 1264, 738 01 Frýdek-Místek, Czechoslovakia]

84-002358 Petrinovich, Lewis and Thomas L. Patterson. THE WHITE-CROWNED SPARROW: REPRODUCTIVE SUCCESS (1975-1980). *Auk* 100(4):811-825. Oct. 1983. WR 192
[Dep. Birds & Mammals, Calif. Acad. Sci., Golden Gate Park, San Francisco 94118] *Zonotrichia leucophrys nuttalli* in California.

84-002359 Petterson, Jan. RÖDHAKENS *ERITHACUS RUBECULA* HÖSTFLYTTNING VID OTTENBY. [THE AUTUMN MIGRATION OF THE ROBIN, *ERITHACUS RUBECULA*, AT OTTENBY.] *Vår Fågelvärld* 42(5):333-342. 1983. In Swedish with English summ. WR 192
[Ottenby Fågelstn., Pl. 1500, 380 65 Degerhamn, Sweden]

84-002360 Pierpont, N. INTERSPECIFIC DOMINANCE AND THE STRUCTURE OF WOODCREEPER GUILDS. *Am. Zool.* 23(4):1001. 1983. Abstract only. WR 192
[Princeton Univ., Princeton, NJ]

84-002361 Pikula, Jiří and Miroslava Beklová. NIDOBIOLOGY OF *TURDUS MERULA*. *Přírodověd. Pr. Ústavů Česk. Akad. Věd Brně* 17(7):1-46. 1983. In English with Russian summ. WR 192
[Inst. Vertebr. Zool., ČSAV, Květná 8, 603 65, Brno, Czechoslovakia]

84-002362 Pitzrick, Vivian Mills. ALBINISTIC AMERICAN ROBIN IN ALLEGANY COUNTY. *Kingbird* 33(4):256. 1983. WR 192
[Amity Lake, Belmont, NY 14813] *Turdus migratorius* in New York.

84-002363 Ponomareva, T. S. [DATA ON NESTING BIOLOGY OF THE DESERT SPARROW.] *Ornitologiya* 18:57-63. 1983. In Russian with English summ. WR 192
*Passer simplex zarudnyi* in USSR.

OTHER PASSERINE BIRDS (CONTINUED)

84-002364 Post, William. CAPE SABLE SPARROW MANAGEMENT PLAN. *Fla. Field Nat.* 11(3):58-60. Aug. 1983. WR 192
[Charleston Mus., 360 Meeting St., Charleston, SC 29403] *Ammodramus maritimus mirabilis* in Florida.

84-002365 Pyle, Peter B.; David F. DeSante; Robert J. Boekelheide and Robert P. Henderson. A DUSKY WARBLER (*PHYLLOSCOPUS FUSCATUS*) ON SOUTHEAST FARALLON ISLAND, CALIFORNIA. *Auk* 100(4):995-996. Oct. 1983. WR 192
[Point Reyes Bird Observatory, 4990 Shoreline Hwy., Stinson Beach, CA 94970]

84-002366 Raynor, E. M. HOUSE MARTINS ATTEMPTING COPULATION IN FLIGHT. *Br. Birds* 76(10):454-455. Oct. 1983. WR 192
[Priors Mead, Nash Meadow, South Warnborough, Hampshire, England] *Delichon urbica* in England.

84-002367 Raynor, E. M. ROOSTING BEHAVIOUR OF HOUSE MARTINS. *Br. Birds* 76(10):455. Oct. 1983. WR 192
[Priors Mead, Nash Meadow, South Warnborough, Hampshire, England] *Delichon urbica* in England.

84-002368 Recher, Harry F. and Martin Schulz. OBSERVATIONS ON THE BREEDING OF WHITE-BROWED WOODSWALLOWS. *Corella* 7(1):1-6. Mar. 1983. WR 192
[Australian Mus., 6-8 College St., Sydney, New South Wales 2000, Australia] *Artamus superciliosus* in Australia.

84-002369 Rechten, C.; M. Avery and A. Stevens. OPTIMAL PREY SELECTION: WHY DO GREAT TITS SHOW PARTIAL PREFERENCES? *Anim. Behav.* 31(2):576-584. May 1983. WR 192
[Anim. Behav. Res. Group, Edward Grey Inst., Dep. Zool., South Parks Rd., Oxford, OX1 3PS, England] *Parus major*.

84-002370 Reid, Nick. SEASONAL OCCURRENCE OF THE MISTLETOEBIRD IN THE INNER NORTH-EASTERN SUBURBS OF ADELAIDE. *S. Aust. Ornithol.* 29(3):60-63. Sept. 1983. WR 192
[Dep. Bot., Univ. Adelaide, G.P.O. Box 498, Adelaide, South Australia 5001, Australia] *Dicaeum hirundinaceum* in Australia.

84-002371 Remsen, J. V., Jr.; Kimball Garrett and Richard A. Erickson. VOCAL COPYING IN LAWRENCE'S AND LESSER GOLDFINCHES. *West. Birds* 13(1-4):29-33. 1982. WR 192
[Mus. Zool., La. State Univ., Baton Rouge 70893] *Carduelis psaltria* and *C. lawrencei*.

84-002372 Ribaut, Jean-Pierre. VARIATIONS ANNUELLES DANS LA BIOLOGIE DE REPRODUCTION DE L'HIRONDELLE RUSTIQUE (*HIRUNDO RUSTICA*). [ANNUAL VARIATIONS IN THE REPRODUCTIVE BIOLOGY OF THE BARN SWALLOW (*HIRUNDO RUSTICA*).] *Nos Oiseaux* 37(3):101-116. Sept. 1983. In French with English and German summ. WR 192
[83 rue du Général-Conrad, F-67000 Strasbourg, France]

OTHER PASSERINE BIRDS (CONTINUED)

84-002373 Rich, Terrell. "WALKING-IN-LINE" BEHAVIOR IN SAGE SPARROW TERRITORIAL ENCOUNTERS. *Condor* 85(4):496-497. Nov. 1983. WR 192
[P.O. Box 642, Shoshone, ID 83352] *Amphispiza belli* in Idaho.

84-002374 Riddiford, Nick and Roger C. Auger. WEIGHT GAINS AND RESUMPTION OF PASSAGE BY WILLOW WARBLERS ON SPRING MIGRATION. *Bird Study* 30(3):229-232. Nov. 1983. WR 192
[Fair Isle Bird Observatory, Fair Isle, Shetland, Scotland] *Phylloscopus trochilus* in England.

84-002375 Rieckhoff, Dieter. ROTRÜCKENWÜRGER BRÜTET IM REISIGHAUFEN. [SHRIKE BREEDS IN A BRUSH-PILE.] *Falke* 28(2):66. Feb. 1981. In German. WR 192
*Lanius collurio.*

84-002376 Ritchison, Gary. VOCALIZATIONS OF THE WHITE-BREASTED NUTHATCH. *Wilson Bull.* 95(3):440-451. Sept. 1983. WR 192
[Dep. Biol. Sci., Eastern Ky. Univ., Richmond 40475] *Sitta carolinensis* in Minnesota.

84-002377 Ritchison, Gary. BREEDING BIOLOGY OF THE BLACK-HEADED GROSBEAK IN NORTHERN UTAH. *West. Birds* 14(3):159-167. 1983. WR 192
[Dep. Biol. Sci., Eastern Ky. Univ., Richmond 40475] *Pheucticus melanocephalus.*

84-002378 Rǿhss, Michael and Bengt Silverin. SEASONAL VARIATIONS IN THE ULTRASTRUCTURE OF THE LEYDIG CELLS AND PLASMA LEVELS OF LUTEINIZING HORMONE AND STEROID HORMONES IN JUVENILE AND ADULT MALE GREAT TITS *PARUS MAJOR*. *Ornis Scand.* 14(3):202-212. Sept. 1983. WR 192
[Dep. Zool., Univ. Gothenburg, P.O. Box 25059, S-400 31 Gothenburg, Sweden]

84-002379 Robbins, Mark B. THE DISPLAY REPERTOIRE OF THE BAND-TAILED MANAKIN (*PIPRA FASCIICAUDA*). *Wilson Bull.* 95(3):321-342. Sept. 1983. WR 192
[Acad. Nat. Sci., 19th & The Parkway, Philadelphia, PA 19103]

84-002380 Roberts, John Lawton. WHITETHROATS BREEDING ON WELSH HEATHER MOOR. *Br. Birds* 76(10):456. Oct. 1983. WR 192
[5 Tref-y-Nant Park, Acrefair, Wrexham, Clwyd LL14 3SR, Wales] *Sylvia communis* in Wales.

84-002381 Robinson, Leif J. DETECTING SONG SPARROWS. *Bird Observer East Mass.* 11(5):255-257. Oct. 1983. WR 192
[Wellesley, MA] *Melospiza melodia* in Massachusetts.

84-002382 Rogers, Christopher Marc. THE EFFECT OF AGGRESSION ON BREEDING TERRITORY SIZE IN THE SAVANNAH SPARROW *PASSERCULUS SANDWICHENSIS*. *M.S. thesis, Mich. State Univ.* 57p. 1982. From Masters Abstr. 21(1):22. Mar. 1983. WR 192

OTHER PASSERINE BIRDS (CONTINUED)

84-002383 Rooke, I. J.; S. D. Bradshaw and R. A. Langworthy. ASPECTS OF THE WATER, ELECTROLYTE AND CARBOHYDRATE PHYSIOLOGY OF THE SILVEREYE, *ZOSTEROPS LATERALIS* (AVES). *Aust. J. Zool.* 31(5):695-704. 1983. WR 192
[Agric. Protection Board Western Australia, Bougainvillea Ave., Forestfield, Western Australia 6058, Australia]

84-002384 Rootsmäe, L. AED-ROOLINNU (*ACROCEPHALUS DUMETORUM*) ESINEMISEST EESTIS AASTATEL 1961...1980. [ON THE OCCURRENCE OF THE BLYTH'S REED-WARBLER (*ACROCEPHALUS DUMETORUM*) IN ESTONIA IN 1961-1980.] *Loodusevaatlusi* 1980(1):79-85. 1982. In Estonian with Russian and English summ. WR 192

84-002385 Rounds, Richard C. and Hugh L. Munro. BROOD SIZE OF EASTERN AND MOUNTAIN BLUEBIRDS IN MANITOBA. *J. Field Ornithol.* 54(3):304-311. 1983. WR 192
[Dep. Geogr., Brandon Univ., Brandon, Manitoba, Canada R7A 6A9] *Sialia sialis* and *S. currucoides*.

84-002386 Sakai, Howard F. and Thea C. Johanos. THE NEST, EGG, YOUNG, AND ASPECTS OF THE LIFE HISTORY OF THE ENDANGERED HAWAII CREEPER. *West. Birds* 14(2):73-84. 1983. WR 192
[U.S. Dep. Agric., Redwood Sci. Lab., 1700 Bayview Dr., Arcata, CA 95521] *Oreomystis mana*.

84-002387 Sakai, Howard F. THE DIVERSITY OF NESTING SITES UTILIZED BY THE 'APAPANE. *'Elepaio* 44(1):2-5. July 1983. WR 192
[Redwood Sci. Lab., U.S. For. Serv., 1700 Bayview Dr., Arcata, CA 95521] *Himatione sanguinea* in Hawaii.

84-002388 Schmidtke, Klaus and Roland Brandl. WINTERREVIER UND ANSITZSTRATEGIE DES RAUBWÜRGERS *LANIUS EXCUBITOR*. [WINTER TERRITORY AND PERCHING STRATEGY OF THE GREAT GREY SHRIKE.] *Verh. Ornithol. Ges. Bayern* 23(5/6):443-458. Oct. 1983. In German with English summ. WR 192
[Untere Hagenstr. 43, D-8562 Hersbruck, West Germany]

84-002389 Schroeder, Richard L. HABITAT SUITABILITY INDEX MODELS: BLACK-CAPPED CHICKADEE. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 82/10.37. v + 12p. Apr. 1983. WR 192
[107 N. Hollywood, Fort Collins, CO 80521] *Parus atricapillus* in North America.

84-002390 Searcy, William A. RESPONSE TO MULTIPLE SONG TYPES IN MALE SONG SPARROWS AND FIELD SPARROWS. *Anim. Behav.* 31(3):948-949. Aug. 1983. WR 192
[Dep. Biol. Sci., Univ. Pittsburgh, Pittsburgh, PA 15260]

84-002391 Sermet, Emile and Jean-Claude Muriset. TENTATIVE DE NIDIFICATION DE LA CISTICOLE DES JONCS, *CISTICOLA JUNCIDIS*, À YVERDON EN 1982. [POSSIBLE NESTING OF THE FAN-TAILED CISTICOLA, *CISTICOLA*

OTHER PASSERINE BIRDS (CONTINUED)

84-002391 CONTINUED *JUNCIDIS* AT YVERDON IN 1982.] *Nos Oiseaux* 37(3):141-145. Sept. 1983. In French. WR 192
[Rue de Cygnes 27, CH-1400 Yverdon, Switzerland]

84-002392 Sharipov, M. [MATERIALS ON ECOLOGY OF THE BUKHAR GREAT TIT (*PARUS MAJOR BOKHARENSIS*) IN TOWNS OF THE FERGANA VALLEY.] *Ornitologiya* 18:207. 1983. In Russian. WR 192

84-002393 Sharpe, Michael. RESULTS OF THE 1982 SPARROW MIGRATION PROJECT. *Bird Observer East Mass.* 11(5):253-254. Oct. 1983. WR 192
[Winthrop, MA] Data for 12 spp. in Massachusetts.

84-002394 Shedd, Douglas H. SEASONAL VARIATION IN MOBBING INTENSITY IN THE BLACK-CAPPED CHICKADEE. *Wilson Bull.* 95(3):343-348. Sept. 1983. WR 192
[Dep. Biol., Randolph-Macon Woman's Coll., Lynchburg, VA 24503] *Parus atricapillus* in New York.

84-002395 Shelton, Larry C. WORLD'S FIRST CAPTIVE BREEDING OF SCARLET-HEADED BLACKBIRD. *Phila. Zoo Rev.* 1(1):[5-10]. 1982. WR 192
*Amblyramphus holosericeus.*

84-002396 Short, Lester L.; Richard Schodde and J. F. M. Horne. FIVE-WAY HYBRIDIZATION OF VARIED SITTELLAS *DAPHOENOSITTA CHRYSOPTERA* (AVES: NEOSITTIDAE) IN CENTRAL QUEENSLAND. *Aust. J. Zool.* 31(4):499-516. 1983. WR 192
[Am. Mus. Nat. Hist., New York, NY 10024]

84-002397 Short, Lester L.; Richard Schodde; Richard A. Noske and Jennifer F. M. Horne. HYBRIDIZATION OF 'WHITE-HEADED' AND 'ORANGE-WINGED' VARIED SITTELLAS, *DAPHOENOSITTA CHRYSOPTERA LEUCOCEPHALA* AND *D. C. CHRYSOPTERA* (AVES: NEOSITTIDAE), IN EASTERN AUSTRALIA. *Aust. J. Zool.* 31(4):517-531. 1983. WR 192
[Am. Mus. Nat. Hist., New York, NY 10026]

84-002398 Siebenheller, William and Norma Siebenheller. TWO RARE SPECIES VISIT ELM PARK FEEDER. *Proc. Staten Island Inst. Arts Sci.* 32(1):17-18. 1983. WR 192
*Vermivora celata* and *Passerina ciris* in Pennsylvania.

84-002399 Siebenheller, William and Norma Siebenheller. PHOTOGRAPHS OF NEW YORK STATE RARITIES. 45. PAINTED BUNTING ON STATEN ISLAND. *Kingbird* 33(4):231. 1983. WR 192
[267 Edinboro Rd., Staten Hill, NY 10306] *Passerina ciris.*

84-002400 Siegner, Jürgen. NONNENSTEINSCHMÄTZER *OENANTHE PLESCHANKA* BRUTVOGEL IN JUGOSLAWIEN. [PIED WHEATEAR *OENANTHE PLESCHANKA* BREEDING BIRD IN YUGOSLAVIA.] *Verh. Ornithol. Ges. Bayern* 23(5/6):529. Oct. 1983. In German. WR 192
[Mozartstr. 15, 8023 Pullach/Isartal, West Germany]

OTHER PASSERINE BIRDS (CONTINUED)

84-002401 Slater, P. J. B.; S. A. Ince and P. W. Colgan. CHAFFINCH SONG TYPES: THEIR FREQUENCIES IN THE POPULATION AND DISTRIBUTION BETWEEN REPERTOIRES OF DIFFERENT INDIVIDUALS. *Behaviour* 75(3-4):207-218. 1980. In English with German summ. WR 192
[Ethol. & Neurophysiol. Group, School Biol., Univ. Sussex, Brighton, England] *Fringilla coelebs.*

84-002402 Smith, T. M.; H. H. Shugart and D. C. West. VARIATION IN TERRITORY SIZE OF THE OVENBIRD (*SEIURUS AUROCAPILLUS*): THE ROLE OF HABITAT STRUCTURE. *Oak Ridge Natl. Lab. (Tenn.)* ORNL/TM-8187. 92p. Aug. 1982. From U.S. Government Reports 83(8):1464. 15 Apr. 1983. Available from NTIS as DE82019893. WR 192

84-002403 Sonnenschein, Edith and Heinz-Ulrich Reyer. MATE-GUARDING AND OTHER FUNCTIONS OF ANTIPHONAL DUETS IN THE SLATE-COLOURED BOUBOU (*LANIARIUS FUNEBRIS*). *Z. Tierpsychol.* 63(2-3):112-140. Oct.-Nov. 1983. In English with German summ. WR 192
[Max-Planck-Inst. Verhaltensphysiol., D-8131 Seewiesen, West Germany]

84-002404 Sorjonen, Jorma. TRANSMISSION OF THE TWO MOST CHARACTERISTIC PHRASES OF THE SONG OF THE THRUSH NIGHTINGALE *LUSCINIA LUSCINIA* IN DIFFERENT ENVIRONMENTAL CONDITIONS. *Ornis Scand.* 14(4):278-288. Nov. 1983. WR 192
[Dep. Biol., Univ. Joensuu, P.O. Box 111, SF-80101 Joensuu 10, Finland]

84-002405 Sousa, Patrick J. and W. Neil McDonal. HABITAT SUITABILITY INDEX MODELS: BAIRD'S SPARROW. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 82/10.44. vi + 12p. Aug. 1983. WR 192
[WELUT, U.S. Fish & Wildl. Serv., Drake Creekside Bldg. One, 2627 Redwing Rd., Fort Collins, CO 80526-2899] *Ammodramus bairdii.*

84-002406 Speich, Steven M. NOCTURNAL FORAGING OF THE ROCK WREN UNDER ARTIFICIAL ILLUMINATION. *West. Birds* 13(1-4):41. 1982. WR 192
[212 S. Garl St., Burlington, WA 98233] *Salpinctes obsoletus* in Arizona.

84-002407 Spitler-Nabors, Kimberly J. and Myron Charles Baker. REPRODUCTIVE BEHAVIOR BY A FEMALE SONGBIRD: DIFFERENTIAL STIMULATION BY NATAL AND ALIEN SONG DIALECTS. *Condor* 85(4):491-494. Nov. 1983. WR 192
[Dep. Zool. & Entomol., Colo. State Univ., Fort Collins 80523] *Zonotrichia leucophrys nuttalli.*

84-002408 Sprenger, Jack A. and Merrill Frydendall. WORM-EATING WARBLERS IN BROWN AND BLUE EARTH COUNTIES. *Loon* 55(3):126. 1983. WR 192
[615 N. Jefferson St., New Ulm, MN 56073] *Helmitheros vermivorus* in Minnesota.

84-002409 Stepanyan, L. S. and A. V. Matyukhin. [OCCURRENCES OF THE RUSTIC BUNTING IN MOSCOW REGION.] *Ornitologiya* 18:180-181. 1983. In Russian. WR 192
*Emberiza rustica* in USSR.

OTHER PASSERINE BIRDS (CONTINUED)

84-002410 Stiles, F. Gary. THE RUFOUS-RUMPED ANTWREN (*TERENURA CALLINOTA*) IN COSTA RICA. *Wilson Bull.* 95(3):462-464. Sept. 1983. WR 192
[Escuela Biol., Univ. Costa Rica, Ciudad Universitaria "Rodrigo Facio", Costa Rica]

84-002411 Stoddard, Philip K. and Michael D. Beecher. PARENTAL RECOGNITION OF OFFSPRING IN THE CLIFF SWALLOW. *Auk* 100(4):795-799. Oct. 1983. WR 192
[Anim. Behav. Program, Dep. Psychol., Univ. Wash., Seattle 98195] *Hirundo pyrrhonota* in Washington.

84-002412 Sueur, François and Martine Sueur-Bellart. NIDIFICATION URBAINE DE LA GRIVE LITORNE *TURDUS PILARIS* DANS LES VOSGES. [URBAN NESTING OF THE FIELDFARE *TURDUS PILARIS* IN THE VOSGES (FRANCE).] *Alauda* 51(4):312. 1983. In French. WR 192
[Cent. Ornithol. Picarde, (B.R.N.P. & G.E.P.O.P.), rue du Bosquet, 80120 Rue, France]

84-002413 Summers-Smith, D. THE GREAT SPARROW. *Bokmakierie* 35(3):51-55. Sept. 1983. WR 192
[Merlewood, The Ave., Guisborough, Cleveland, TS14 8EE, England] *Passer motitensis* in South Africa.

84-002414 Sutton, R. H. and L. J. Filippich. POXVIRUS INFECTION IN A BLACK-FACED CUCKOO-SHRIKE (*CORACINA NOVAEHOLLANDIAE*). *Aust. Vet. J.* 60(9):280-281. Sept. 1983. WR 192
[Dep. Vet. Pathol. & Public Health, Univ. Queensland, St. Lucia, Queensland, Australia 4067]

84-002415 Swanson, Gary. WHITE-EYED VIREO IN RAMSEY COUNTY. *Loon* 55(3):126-127. 1983. WR 192
[Rt. 3, Box 166D, Buffalo, MN 55313] *Vireo griseus* in Minnesota.

84-002416 Sydlik, M. A. POSSIBLE FEMALE CONTROL OF MALE CONTRIBUTION TO INCUBATION UNDER VARYING AMBIENT TEMPERATURES. *Am. Zool.* 23(4):913. 1983. Abstract only. WR 192
[Syracuse Univ., Syracuse, NY] *Poephila guttata.*

84-002417 Taylor, Daniel M. PALM WARBLER OBSERVATIONS IN IDAHO. *West. Birds* 13(1-4):36. 1982. WR 192
[Biol. Dep., Idaho State Univ., Pocatello 83209] *Dendroica palmarum.*

84-002418 Teixeira, D. M. and L. P. Gonzaga. A NEW ANTWERN FROM NORTHEASTERN BRAZIL. *Bull. Br. Ornithol. Club* 103(4):133-135. Dec. 1983. WR 192
[Seção Ornithol., Mus. Nac., Rio de Janeiro, Brazil] *Terenura sicki.*

OTHER PASSERINE BIRDS (CONTINUED)

84-002419 Tewary, P. D. and Vinod Kumar. BIOCHRONOMETRY OF PHOTOPERIODICALLY INDUCED FAT DEPOSITION IN A MIGRATORY FINCH, THE BLACKHEADED BUNTING (*EMBERIZA MELANOCEPHALA*) (AVES). *J. Zool. (Lond.)* 200(3):421-430. July 1983. WR 192
[Dep. Zool., Banaras Hindu Univ., Varanasi 221 005, India]

84-002420 Tewary, P. D.; B. K. Tripathi and Vinod Kumar. EFFECTS OF EXOGENOUS PROLACTIN ON OVARIAN GROWTH AND FATTENING IN THE REDHEADED BUNTING, *EMBERIZA BRUNICEPS*. *Gen. Comp. Endocrinol.* 52(2):315-318. Nov. 1983. WR 192
[Dep. Zool., Banaras Hindu Univ., Varanasi 221005, India]

84-002421 Thielcke, Gerhard. ENSTANDEN DIALEKTE DES ZILPZALPS *PHYLLOSCOPUS COLLYBITA* DURCH LERNENTZUG. [HAVE DIALECTS OF CHIFFCHAFF (*PHYLLOSCOPUS COLLYBITA*) DEVELOPED BY WITHDRAWL OF LEARNING?] *J. Ornithol.* 124(4):333-368. 1983. In German with English summ. WR 192
[Am Obstberg, D-7760 Radolfzell-Möggingen, West Germany]

84-002422 Troy, Declan M. and Alan H. Brush. PIGMENTS AND FEATHER STRUCTURE OF THE REDPOLLS, *CARDUELIS FLAMMEA* AND *C. HORNEMANNI*. *Condor* 85(4):443-446. Nov. 1983. WR 192
[LGL Alaska Res. Assoc., Inc., 505 W. Northern Lights Blvd., Suite 201, Anchorage, AK 99503]

84-002423 Turner, Angela K. TIME AND ENERGY CONSTRAINTS ON THE BROOD SIZE OF SWALLOWS, *HIRUNDO RUSTICA*, AND SAND MARTINS, *RIPARIA RIPARIA*. *Oecologia (Berl.)* 59(2-3):331-338. Sept. 1983. WR 192
[Dep. Biol. Sci., Stirling Univ., Stirling FK9 4LA, Scotland]

84-002424 Turner, Angela K. FOOD SELECTION AND THE TIMING OF BREEDING OF THE BLUE-AND-WHITE SWALLOW *NOTIOCHELIDON CYANOLEUCA* IN VENEZUELA. *Ibis* 125(4):450-462. Oct. 1983. WR 192
[Biol. Dep., Stirling Univ., Stirling FK9 4LA, Scotland]

84-002425 Turner, Harold. BLUE-GRAY GNATCATCHER. *Nebr. Bird Rev.* 51(3):83. Sept. 1983. WR 192
[Box 333, Minden, NE 68959] *Polioptila caerulea* in Nebraska.

84-002426 Tye, Alan and Hilary Tye. FIELD IDENTIFICATION OF WHEATEAR AND ISABELLINE WHEATEAR. *Br. Birds* 76(10):427-437. Oct. 1983. WR 192
[Dep. Zool., Fourah Bay Coll., Univ. Sierra Leone, Freetown, Sierre Leone] *Oenanthe oenanthe* and *O. isabellina*.

84-002427 Ueda, K. Y. and Y. Suda. BIOLOGICAL STUDIES ON *LEUCOMA CANDIDA* (STAUDINGER) (LEPIDOPTERA, LYMANTRIIDAE) IN JAPAN. III. SPARROW PREDATION ON ADULT MOTHS. *Res. Popul. Ecol. (Kyoto)* 23(1):61-73. 1981. From Ecol. Abstr. 1982/6:82L/8244. 1982. WR 192
*Passer domesticus*.

OTHER PASSERINE BIRDS (CONTINUED)

84-002428 Utter, James M.; Linda L. Pearson; Gorton C. Carruth and Bradford J. Hurley. OVERWINTERING OF NORTHERN MOCKINGBIRDS (*MIMUS POLYGLOTTOS*) AND SUBSEQUENT BREEDING SUCCESS. *Am. Zool.* 23(4):898. 1983. Abstract only. WR 192
[State Univ. N.Y., Purchase]

84-002429 Wackenhut, P. B.; Kenneth A. Strait and Robert C. Whitmore. PROBABLE INVESTIGATOR-INDUCED EGG DROP BY A HORNED LARK. *Wilson Bull.* 95(3):489-490. Sept. 1983. WR 192
[105 Conneaut Lake Rd., Greenville, PA 16125] *Eremophila alpestris* in West Virginia.

84-002430 Walford, Lorraine. PIED BUTCHERBIRDS AT LEIGH CREEK. *S. Aust. Ornithol.* 29(3):74. Sept. 1983. WR 192
[Box 33, Leigh Creek, South Australia 5731, Australia] *Cracticus nigrogularis* in Australia.

84-002431 Wapple, Robert. VARIED THRUSH AT BIGGAR, SASKATCHEWAN. *Blue Jay* 41(4):216. Dec. 1983. WR 192
[Box 1045, Biggar, Saskatchewan, Canada S0K 0M0] *Zoothera naevia* in Canada.

84-002432 Weathers, Wesley W.; Debra L. Weathers and Charles Van Riper III. BASAL METABOLISM OF THE APAPANE: COMPARISON OF FRESHLY CAUGHT BIRDS WITH LONG-TERM CAPTIVES. *Auk* 100(4):977-978. Oct. 1983. WR 192
[Dep. Anim. Sci., Univ. Calif., Davis 95616] *Himatione sanguinea*.

84-002433 Webb, D. R. and J. R. King. AN ANALYSIS OF THE HEAT BUDGETS OF THE EGGS AND NEST OF THE WHITE-CROWNED SPARROW, *ZONOTRICHIA LEUCOPHRYS*, IN RELATION TO PARENTAL ATTENTIVENESS. *Physiol. Zool.* 56(4):493-505. Oct. 1983. WR 192
[Dep. Zool., Wash. State Univ., Pullman 99164-4220]

84-002434 Webb, D. R. and J. R. King. HEAT-TRANSFER RELATIONS OF AVIAN NESTLINGS. *J. Thermal Biol.* 8(4):301-310. Oct. 1983. WR 192
[Dep. Biol., Indiana Univ., Bloomington 47405] *Zonotrichia leucophrys*.

84-002435 Weber, Wayne; Gerry Ansell; Brian Kautesk and Doug Kragh. WINTERING OF MOUNTAIN AND WESTERN BLUEBIRDS AT BOUNDARY BAY, B.C. *Discovery (Vancouver Nat. Hist. Soc.)* 12(2):48-50. June-July-Aug. 1983. WR 192
[303-9153 Saturna Dr., Burnaby, British Columbia, Canada V3J 7K1] *Sialia currucoides* and *S. mexicana* in Canada.

84-002436 Wells, D. R. BROWN-BREASTED FLYCATCHER *MUSCICAPA MUTTUI* IN THAILAND. *Bull. Br. Ornithol. Club* 103(4):113-114. Dec. 1983. WR 192
[Zool. Dep., Univ. Malaya, Kuala Lumpur 22-11, Malaysia]

84-002437 Wesołowski, Tomasz. THE BREEDING ECOLOGY AND BEHAVIOUR OF WRENS *TROGLODYTES TROGLODYTES* UNDER PRIMAEVAL AND SECONDARY CONDITIONS. *Ibis* 125(4):499-515. Oct. 1983. WR 192

OTHER PASSERINE BIRDS (CONTINUED)

84-002437 CONTINUED
[Dep. Avian Ecol., Wrocław Univ., 50-335 Wrocław, Sienkiewicza 21, Poland]

84-002438 Whitmore, Mary J. DOMINANCE AND PROXIMITY IN CAPTIVE GREY-BREASTED SILVEREYES. *Sunbird* 12(4):41-46. Dec. 1982. WR 192
[6034 Hall St., S.E., Grand Rapids, MI 48506] *Zosterops lateralis.*

84-002439 Whitney, Carl L. and Joan Miller. SONG MATCHING IN THE WOOD THRUSH (*HYLOCICHLA MUSTELINA*): A FUNCTION OF SONG DISSIMILARITY. *Anim. Behav.* 31(2):457-461. May 1983. WR 192
[Rockefeller Univ. Field Res. Cent., Tyrrel Rd., Millbrook, NY 12545]

84-002440 Wilkinson, R. and D. J. Aidley. AFRICAN REED WARBLERS IN NORTHERN NIGERIA; MORPHOMETRICS AND THE TAXONOMIC DEBATE. *Bull. Br. Ornithol. Club* 103(4):135-138. Dec. 1983. WR 192
[North England Zool. Soc., Zool. Gardens, Upton-by-Chester, Cheshire, England] *Acrocephalus baeticatus.*

84-002441 Williams, Tony. SONG PERIOD OF MOUSTACHED WARBLER. *Br. Birds* 76(10):456. Oct. 1983. WR 192
[Soc. Ornithol. France, 55 rue de Buffon, 75005 Paris, France] *Acrocephalus melanopogon* in France.

84-002442 Wilson, Malcolm. APPARENT HYBRIDISATION BETWEEN TWO SPECIES OF FAIRY-WREN. *Sunbird* 13(2):38-39. 1983. WR 192
[P.O. Box 524, Dalby, Queensland 4405, Australia] *Malurus melanocephalus* and *M. cyaneus* in Australia.

84-002443 Woinarski, J. C. Z. and A. R. McEvey. MORTALITY IN PARDALOTES IN MELBOURNE, 1960 TO 1980. *Corella* 7(3):55-59. Sept. 1983. WR 192
[Dep. Zool., Monash Univ., Clayton, Victoria 3168, Australia] *Pardalotus punctatus* and *P. striatus* in Australia.

84-002444 Wolf, L. AN EXPERIMENTAL STUDY OF BIPARENTAL CARE IN THE DARK-EYED JUNCO. *Am. Zool.* 23(4):930. 1983. Abstract only. WR 192
[Indiana Univ., Bloomington] *Junco hyemalis.*

84-002445 Wood, D. Scott. PROTHONOTARY WARBLER IN CIMARRON COUNTY, OKLAHOMA, IN OCTOBER. *Bull. Okla. Ornithol. Soc.* 16(4):32. Dec. 1983. WR 192
[Sect. Birds, Carnegie Mus. Nat. Hist., Pittsburgh, PA 15213] *Protonotaria citrea.*

84-002446 Wright, Stacey and Karl Beard. UNUSUAL SONG FOR BLUE-WINGED WARBLERS. *Kingbird* 33(4):255. 1983. WR 192
[Mohonk Preserve Inc., Mohonk Lake, New Paltz, NY 12561] *Vermivora pinus* in New York.

OTHER PASSERINE BIRDS (CONTINUED)

84-002447 Wyckoff, Ann M. MALE "INCUBATION" IN A CHESTNUT-COLLARED LONGSPUR. *Wilson Bull.* 95(3):472. Sept. 1983. WR 192
[Dep. Biol., Univ. N.D., Grand Forks 58202] *Calcarius ornatus* in North Dakota.

84-002448 Yang Lan. [A TAXONOMIC STUDY ON CHINESE BIRDS OF THE GENUS *PITTA* (PITTIDAE).] *Zool. Res.* 4(3):219-226. Aug. 1983. In Chinese with English summ. WR 192
[Kunming Inst. Zool., Acad. Sinica, Kunming, China]

84-002449 Yasukawa, Ken and Elyse I. Bick. DOMINANCE HIERARCHIES IN DARK-EYED JUNCOS (*JUNCO HYEMALIS*): A TEST OF A GAME-THEORY MODEL. *Anim. Behav.* 31(2):439-448. May 1983. WR 192
[Beloit Coll., Dep. Biol., Beloit, WI 53511]

84-002450 Yates, J. N. UNUSUAL BATHING BEHAVIOUR IN THE FIGBIRD. *Sunbird* 12(4):55. Dec. 1982. WR 192
[Merston Clinic, Bulcock St., Caloundra, Queensland, Australia 4551] *Sphecotheres viridis* in Australia.

84-002451 Young, Donald A. and L. F. Kratt. DIPPERS CAPTURING FISH DURING WINTER IN THE YUKON TERITORY. *West. Birds* 12(3):141-142. 1981. WR 192
[Environ. Manage. Assoc., 1510-10 Ave. S.W., Calgary, Alberta, Canada T3C 0J5] *Cinclus mexicanus* in Canada.

84-002452 Yunick, Robert P. WINTER SITE FIDELITY OF SOME NORTHERN FINCHES (FRINGILLIDAE). *J. Field Ornithol.* 54(3):254-258. 1983. WR 192
[1527 Myron St., Schenectady, NY 12309] *Coccothraustes vespertinus, Carduelis pinus, C. flammea,* and *Carpodacus purpureus* in New York.

84-002453 Zerba, Eileen and Martin L. Morton. THE RHYTHM OF INCUBATION FROM EGG LAYING TO HATCHING IN MOUNTAIN WHITE-CROWNED SPARROWS. *Ornis Scand.* 14(3):188-197. Sept. 1983. WR 192
[Dep. Zool., Ariz. State Univ., Tempe 85281] *Zonotrichia leucophrys oriantha.*

OTHER BIRDS

84-002454 Arman, John and Josie Arman. BREEDING THE JAMAICAN YELLOW BILLED AMAZON (*AMAZONA COLARIA*). *Mag. Parrot Soc.* 17(3):65-71. Mar. 1983. WR 192

84-002455 Baldridge, Frank A.; Lloyd F. Kiff; Susan K. Baldridge and Robert B. Hansen. HYBRIDIZATION OF A BLUE-THROATED HUMMINGBIRD IN CALIFORNIA. *West. Birds* 14(1):17-30. 1983. WR 192
[Western Foundation Vertebr. Zool., 1100 Glendon Ave., Los Angeles, CA 90024] *Lampornis clemenciae.*

OTHER BIRDS (CONTINUED)

84-002456 Bevolskaya, M. V. and A. V. Tikhonov. [ACOUSTIC SIGNALS AND BEHAVIOUR OF THE COMMON RHEA IN EARLY ONTOGENESIS.] *Ornitologiya* 18:70-75. 1983. In Russian with English summ. WR 192
*Rhea americana* in USSR.

84-002457 Blomme, Chris. EGG-CARRYING BEHAVIOUR OBSERVED IN NORTHERN FLICKER. *Ont. Field Biol.* 37(1):34-35. June 1983. WR 192
[Dep. Biol., Laurentian Univ., Sudbury, Ontario, Canada P3E 2C6] *Colaptes auratus* in Canada.

84-002458 Calder, William A. III; Nickolas M. Waser; Sara M. Hiebert; David W. Inouye and Sarah Miller. SITE-FIDELITY, LONGEVITY, AND POPULATION DYNAMICS OF BROAD-TAILED HUMMINGBIRDS: A TEN YEAR STUDY. *Oecologia (Berl.)* 56(2-3):359-364. Feb. 1983. WR 192
[Waser: Dep. Biol., Univ. Calif., Riverside 92521] *Selasphorus platycercus* in Colorado.

84-002459 Carpenter, F. L.; D. C. Paton and M. A. Hixon. TERRITORY SIZE AND WEIGHT GAIN IN MIGRANT HUMMINGBIRDS. *Am. Zool.* 23(4):1000. 1983. Abstract only. WR 192
[Univ. Calif., Irvine]

84-002460 Carpenter, F. Lynn; David C. Paton and Mark A. Hixon. WEIGHT GAIN AND ADJUSTMENT OF FEEDING TERRITORY SIZE IN MIGRANT HUMMINGBIRDS. *Proc. Natl. Acad. Sci. USA* 80(23):7259-7263. Dec. 1983. WR 192
[Dep. Ecol. & Evol. Biol., Univ. Calif., Irvine 92717] *Selasphorus rufus* in California.

84-002461 Chesson, C. UNUSUAL BEHAVIOUR OF BOURKE'S PARROTS. *S. Aust. Ornithol.* 29(3):74. Sept. 1983. WR 192
*Neophema bourkii* in Australia.

84-002462 Collins, Brian G. SEASONAL VARIATIONS IN THE ENERGETICS OF TERRITORIAL CAPE SUGARBIRDS. *Ostrich* 54(2):121-125. June 1983. WR 192
[School Biol., Western Australian Inst. Technol., Kent St., Bentley, Western Australia, Australia 6102] *Promerops cafer* in South Africa.

84-002463 Collins, Charles T. and Eric V. Johnson. FURTHER RECORDS OF WHITE-THROATED SWIFTS UTILIZING MAN-MADE STRUCTURES. *West. Birds* 13(1-4):25-28. 1982. WR 192
[Dep. Biol., Calif. State Univ., Long Beach 90840] *Aeronautes saxatalis* in California.

84-002464 Corben, C.; G. Roberts and A. Smyth. ROOSTING OF A WHITE-THROATED NEEDLETAIL. *Sunbird* 12(4):47-48. Dec. 1982. WR 192
[24 Drury St., West End, Queensland, Australia] *Hirundapus caudacutus* in Australia.

84-002465 Crabtree, Tom. DISTRIBUTION: ANNA'S HUMMINGBIRD IN EASTERN OREGON. *Oreg. Birds* 9(3):110-111. 1983. WR 192
*Archilochus anna*.

OTHER BIRDS (CONTINUED)

84-002466 Dyer, I. S. NUTRITION IN CAPTIVE PARROTS AND PARAKEETS. *Nag. Parrot Soc.* 17(2):40-43. Feb. 1983. WR 192

84-002467 Elliott, Bruce G. NOCTURNAL MOONLIGHT CALLING BY ELEGANT TROGON IN ARIZONA. *West. Birds* 14(1):53. 1983. WR 192
[Dep. Fish & Game, 2201 Garden Rd., Monterey, CA 93940] *Trogon elegans.*

84-002468 Engbring, John. FIRST PONAPE RECORD OF A DOLLARBIRD, WITH A SUMMARY OF THE SPECIES' OCCURRENCE IN MICRONESIA. *'Elepaio* 44(4):35-36. Oct. 1983. WR 192
[U.S. Fish & Wildl. Serv., 300 Ala Mona Blvd., P.O. Box 50167, Honolulu, HI 96850] *Eurystomus orientalis* in the Caroline Islands.

84-002469 Fry, C. H. and D. J. Gilbert. FOOD OF THE BLACK-HEADED BEE-EATER *MEROPS BREWERI*. *Bull. Br. Ornithol. Club* 103(4):119-123. Dec. 1983. WR 192
[Zool. Dep., Aberdeen Univ., Aberdeen AB9 2TN, Scotland]

84-002470 Garrido, Orlando H. A NEW SUBSPECIES OF *CAPRIMULGUS CUBANENSIS* (AVES: CAPRIMULGIDAE) FROM THE ISLE OF PINES, CUBA. *Auk* 100(4):988-991. Oct. 1983. WR 192
[Calle 60, No. 1706, entre 17 y 19, Mariano 13, Havana, Cuba] *C. c. insulaepinorum.*

84-002471 Goudswaard, Ron. THE LAYING OF A BROWN KIWI EGG AT THE WELLINGTON ZOO. *Notornis* 30(3):252-253. Sept. 1983. WR 192
[Wellington Zool. Gardens, Daniell St., Newtown, Wellington, New Zealand] *Apteryx australis mantelli.*

84-002472 Gregory, P. A. WATER-DIVING BEHAVIOUR OF BEE-EATERS. *Bokmakierie* 35(3):68. Sept. 1983. WR 192
[Box 23484, Kitwe, Zambia] *Merops bullockoides* and *M. persicus* in Zambia.

84-002473 Gribble, F. C. NIGHTJARS IN BRITAIN AND IRELAND IN 1981. *Bird Study* 30(3):165-176. Nov. 1983. WR 192
[22 Rickerscote Ave., Stafford ST17 4EZ, England] *Caprimulgus europaeus.*

84-002474 Gunderson, Harvey L. CHUCK-WILL'S-WIDOW. *Nebr. Bird Rev.* 51(3):83. Sept. 1983. WR 192
[1200 Superior, Lincoln, NE 68521] *Caprimulgus carolinensis* in Nebraska.

84-002475 Hadgkiss, I. M. and K. Mitchell. BREEDING THE ORANGE WINGED AMAZON (*AMAZONA AMAZONICA*) AT THE NATIONAL TRUST, WADDESDON MANOR. *Nag. Parrot Soc.* 17(1):1-4. Jan. 1983. WR 192

OTHER BIRDS (CONTINUED)

84-002476 Hainsworth, F. Reed; Theresa Mercier and Larry L. Wolf. FLORAL ARRANGEMENTS AND HUMMINGBIRD FEEDING. *Oecologia (Berl.)* 58(2):225-229. May 1983. WR 192
[Dep. Biol., Syracuse Univ., Syracuse, NY 13210]

84-002477 Harlow, Richard F.; Robert G. Hooper and Micahel R. Lennartz. ESTIMATING NUMBERS OF RED-COCKADED WOODPECKER COLONIES. *Wildl. Soc. Bull.* 11(4):360-363. 1983. WR 192
[U.S. For. Serv., Southeastern For. Exp. Stn., Dep. For., Clemson Univ., Clemson, SC 29631] *Picoides borealis* in South Carolina.

84-002478 Harris, Arthur H. and Celinda R. Crews. CONKLING'S ROADRUNNER -A SUBSPECIES OF THE CALIFORNIA ROADRUNNER? *Southwest. Nat.* 28(4):407-412. 9 Dec. 1983. WR 192
[Lab. Environ. Biol., Univ. Tex., El Paso 79968] *Geococcyx californianus.*

84-002479 Harris, Roger D. ALBINISTIC RED-BREASTED SAPSUCKER. *West. Birds* 14(3):168. 1983. WR 192
[Dep. For. & Resour. Manage., Univ. Calif., Berkeley 94720] *Sphyrapicus ruber* in California.

84-002480 Harwin, R. M. REAPPRAISAL OF VARIATION IN THE NIGHTJAR *CAPRIMULGUS NATALENSIS* SMITH. *Bull. Br. Ornithol. Club* 103(4):140-144. Dec. 1983. WR 192
[2 Norman Close, P.O. Chisipite, Harare, Zimbabwe]

84-002481 Hess, Ruedi. VERBREITUNG, SIEDLUNGSDICTE UND HABITAT DES DREIZEHENSPECHTS *PICOIDES TRIDACTYLUS ALPINUS* IM KANTON SCHWYZ. [DISTRIBUTION, DENSITY AND HABITAT OF THE THREE-TOED WOODPECKER *PICOIDES TRIDACTYLUS ALPINUS* IN THE KANTON SCHWYZ.] *Ornithol. Beob.* 80(3):153-182. Sept. 1983. In German with English summ. WR 192
[Dipl. Zool., Schönwart, 6314 Unterägeri, Switzerland]

84-002482 Hixon, Mark A.; F. Lynn Carpenter and David C. Paton. TERRITORY AREA, FLOWER DENSITY, AND TIME BUDGETING IN HUMMINGBIRDS: AN EXPERIMENTAL AND THEORETICAL ANALYSIS. *Am. Nat.* 122(3):366-391. Sept. 1983. WR 192
[Dep. Ecol. & Evol. Biol., Univ. Calif., Irvine 92717] *Selasphorus rufus.*

84-002483 Hocking, Keith. THE GANG-GANG COCKATOO (*CALLOCEPHALON FIMBRIATUM*). *Mag. Parrot Soc.* 17(9):256-262. Sept. 1983. WR 192

84-002484 Hogstad, Olav. WING LENGTH VARIATION AND MOVEMENT PATTERN OF THE THREE-TOED WOODPECKER *PICOIDES TRIDACTYLUS* IN FENNOSCANDIA. *Fauna Norv. Ser. C Cinclus* 6(2):81-86. 1983. In English with Norwegian summ. WR 192
[Dep. Zool., Univ. Trondheim, N-7055 Dragvoll, Norway]

OTHER BIRDS (CONTINUED)

84-002485 Holmbring, Jan-Åke and Börje Pettersson. MELLANSPETTEN UTDÖD I SVERIGE. [THE MIDDLE SPOTTED WOODPECKER EXTINCT IN SWEDEN.] *Vår Fågelvärld* 42(6):454-459. 1983. In Swedish with English summ. WR 192
[Hällebovägen 3, 582 60 Linköping, Sweden] *Dendrocopus medius.*

84-002486 Jeggo, D. F. CAPTIVE BREEDING PROGRAMME FOR THE ST. LUCIA PARROT *AMAZONA VERSICOLOR*, AT JERSEY WILDLIFE PRESERVATION TRUST - A REPORT ON THE FIRST BREEDING. *Dodo (J. Jersey Wildl. Preserv. Trust)* No. 19. p. 69-77. 1982. WR 192
[Jersey Wildl. Preserv. Trust, Les Augrès Manor, Trinity, Jersey, Channel Islands, United Kingdom]

84-002487 Jeggo, D. F.; K. M. Taynton and M. Bobb. A SURVEY OF THE ST. LUCIA PARROT *AMAZONA VERSICOLOR* IN 1982. *Dodo (J. Jersey Wildl. Preserv. Trust)* No. 19. p. 33-37. 1982. WR 192
[Jersey Wildl. Preserv. Trust, Les Augrès Manor, Trinity, Jersey, Channel Islands, United Kingdom]

84-002488 Johnson, C. N. COURTSHIP FEEDING AND MATING IN THE CHANNEL-BILLED CUCKOO. *Corella* 7(2):44. June 1983. WR 192
[Dep. Ecosystem Manage., Univ. New England, Armidale, New South Wales 2351, Australia] *Scythrops novaehollandiae* in Australia.

84-002489 Johnson, Ned K. and Robert M. Zink. SPECIATION IN SAPSUCKERS (*SPHYRAPICUS*): I. GENETIC DIFFERENTIATION. *Auk* 100(4):871-884. Oct. 1983. WR 192
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720] *S. thyroideus, S. varius, S. nuchalis,* and *S. ruber.*

84-002490 Kalin Arroyo, M. T.; R. Primack and J. Armesto. COMMUNITY STUDIES IN POLLINATION ECOLOGY IN THE HIGH TEMPERATE ANDES OF CENTRAL CHILE. I. POLLINATION MECHANISMS AND ALTITUDINAL VARIATION. *Am. J. Bot.* 69(1):82-97. 1982. From Ecol. Abstr. 1982/6:82L/7952. 1982. WR 192
Trochilidae.

84-002491 Klamm, Thoralf. EISVOGEL MIT SCHNABELANOMALIE. [KINGFISHER WITH AN ABNORMAL BILL.] *Falke* 29(1):30. Jan. 1982. In German. WR 192

84-002492 Ligon, J. David and Sandra H. Ligon. RECIPROCITY IN THE GREEN WOODHOOPOE (*PHOENICULUS PURPUREUS*). *Anim. Behav.* 31(2):480-489. May. 1983. WR 192
[Dep. Biol., Univ. N.M., Albuquerque 87131]

84-002493 Lima, Steven L. DOWNY WOODPECKER FORAGING BEHAVIOR: FORAGING BY EXPECTATION AND ENERGY INTAKE RATE. *Oecologia (Berl.)* 58(2):232-237. May 1983. WR 192
[Dep. Biol., Univ. Rochester, Rochester, NY 14627] *Picoides pubescens* in Michigan.

OTHER BIRDS (CONTINUED)

84-002494 Litun, V. I. and P. V. Plesski. [INVASION OF THE NUTCRACKER (*NUCIFRAGA CARYOCATACTES CARYOCATACTES*) INTO THE EUROPEAN PART OF THE USSR.] *Ornitologiya* 18:64-69. 1983. In Russian with English summ. WR 192

84-002495 McIntyre, Andrew. A RECENT RECORD OF LITTLE LORIKEETS IN THE SOUTH-EAST. *S. Aust. Ornithol.* 29(3):73. Sept. 1983. WR 192
[3 Atkinson Ave., Rostrevor, South Australia 5073, Australia] *Glossopsitta pusilla* in Australia.

84-002496 Miller, Sarah J. and David W. Inouye. ROLES OF THE WING WHISTLE IN THE TERRITORIAL BEHAVIOUR OF MALE BROAD-TAILED HUMMINGBIRDS (*SELASPHORUS PLATYCERCUS*). *Anim. Behav.* 31(3):689-700. Aug. 1983. WR 192
[5720A Guerneville Rd., Sebastopol, CA 95472]

84-002497 Mines, J. J. and P. E. Green. EXPERIMENTAL *ASCARIDIA COLUMBAE* INFECTIONS IN BUDGERIGARS. *Aust. Vet. J.* 60(9):279-280. Sept. 1983. WR 192
[30 Cooinda St., The Gap, Queensland, Australia 4061] *Melopsittacus undulatus*.

84-002498 Myers, Ronald K.; William E. Monroe and John H. Greve. CEREBROSPINAL NEMATODIASIS IN A COCKATIEL. *J. Am. Vet. Med. Assoc.* 183(10):1089-1090. 15 Nov. 1983. WR 192
[Dep. Pathol., Coll. Vet. Med., Iowa State Univ., Ames 50011] *Nymphicus hollandicus*.

84-002499 Nichols, G. R. AN EXTENSION OF THE ESTABLISHED RANGE OF THE KNYSNA WOODPECKER. *Ostrich* 54(3):182. Sept. 1983. WR 192
[8 Larch Rd., Durban 4001, South Africa] *Campethera notata* in South Africa.

84-002500 Noegel, Ramon. AMAZON HUSBANDRY REVISED, MARCH 1982. *Mag. Parrot Soc.* 17(4):97-103. Apr. 1983. WR 192
*Amazona* spp.

84-002501 Noegel, Ramon. FIRST CAPTIVE BREEDING OF THE YELLOW-SHOULDERED AND ROTHSCHILD'S AMAZON 1982 (*AMAZONA BARBADENSIS BARBADENSIS* AND *AMAZON BARBADENSIS ROTHSCHILDSI*). *Mag. Parrot Soc.* 17(1):13-14. Jan. 1983. WR 192

84-002502 Pérez Rivera, Raúl A. and Manuel Vélez Miranda. LA PROLIFERACION DE PSITTACIFORMES EN PUERTO RICO Y EL PROBLEMA QUE ESTOS REPRESENTAN. [THE PROLIFERATION OF PSITTACIFORMES IN PUERTO RICO AND THE PROBLEM THAT THEY REPRESENT.] *Sexto Simp. Dep. Rec. Nat.* p. 115-127. 1980. In Spanish. WR 192
[Biol. Dep., Colegio Univ. Humacao, Humacao, PR 00661]

84-002503 Panigrahy, B.; F. D. Clark and C. F. Hall. MYCOBACTERIOSIS IN PSITTACINE BIRDS. *Avian Dis.* 27(4):1166-1168. Oct.-Dec. 1983. WR 192
[Dep. Vet. Microbiol. & Parasitol., Tex. A&M, College Station 77843]

OTHER BIRDS (CONTINUED)

84-002504 Poley, Dieter. BREEDING THE SPARKLING VIOLET-EAR HUMMINGBIRD *COLIBRI CORUSCANS* AT HEIDELBERG ZOO. *Int. Zoo Yearb.* 21:121-122. 1981. WR 192
[Heidelberg Zoo, 6900 Heidelberg, Tiergartenstr. 3, West Germany]

84-002505 Rance, L. A. A REVIEW OF SURGICAL SEXING. *Nag. Parrot Soc.* 17(8):222-224. Aug. 1983. WR 192

84-002506 Reichholf, Josef. DIE EVOLUTION DES BRUTPARASITISMUS BEIM KUCKUCK *CUCULUS CANORUS*. [EVOLUTION OF BROOD PARASITISM IN THE CUCKOO *CUCULUS CANORUS*.] *Verh. Ornithol. Ges. Bayern* 23(5/6):479-492. Oct. 1983. In German with English summ. WR 192
[Zool. Staatssammlung, Maria-Ward-Str. 1B, 8000 Munich 19, West Germany]

84-002507 Ripley, S. Dillon. THE SUBSPECIFIC NAME OF THE COMMON PARADISE KINGFISHER *TANYSIPTERA GALATEA* FROM HALMAHERA ISLAND, NORTH MOLUCCAS (MALUKU UTARA), INDONESIA. *Bull. Br. Ornithol. Club* 103(4):145-146. Dec. 1983. WR 192
[Smithsonian Inst., Washington, DC 20560] *T. g. browningi*.

84-002508 Rosskopf, W. J., Jr.; R. W. Woerpel; M. J. Sievers and Cheryl Pater. TREATMENT OF FEATHER FOLLICULITIS IN A LOVEBIRD. *Mod. Vet. Pract.* 64(11):923. Nov. 1983. WR 192
[4473 W. Rosecrans Ave., Hawthorne, CA 90250] *Agapornis fischeri*.

84-002509 Saul, Lilian J. and Douglas A. Wassmer. RED-BELLIED WOODPECKERS ROOSTING OUTSIDE OF CAVITIES. *Fla. Field Nat.* 11(3):50-51. Aug. 1983. WR 192
[14305 N. 22nd St., Lutz, FL 33549] *Melanerpes carolinus* in Florida.

84-002510 Schroeder, Richard L. HABITAT SUITABILITY INDEX MODELS: DOWNY WOODPECKER. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 82/10.38. v + 10p. Apr. 1983. WR 192
[107 N. Hollywood, Fort Collins, CO 80521] *Picoides pubsecens* in North America.

84-002511 Schroeder, Richard L. HABITAT SUITABILITY INDEX MODELS: PILEATED WOODPECKER. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 82/10.39. v + 15p. Apr. 1983. WR 192
[107 N. Hollywood, Fort Collins, CO 80521] *Dryocopus pileatus* in the United States.

84-002512 Short, Lester L. and Jennifer F. M. Horne. VOCAL DISPLAYS AND SOME INTERACTIONS OF KENYAN HONEYGUIDES (INDICATORIDAE) WITH BARBETS (CAPITONIDAE). *Am. Mus. Novit.* 2684:1-19. 3 Oct. 1979. WR 192

84-002513 Silva, Tony. THE NOBLE MACAW. *Nag. Parrot Soc.* 17(6):171-172. June 1983. WR 192
*Ara nobilis cumanensis*.

OTHER BIRDS (CONTINUED)

84-002514 Smedley, D. I. MATING OF THE FAN-TAILED CUCKOO. *Corella* 7(2):43. June 1983. WR 192
[21 Ula Crescent, Baulkham Hills, New South Wales 2153, Australia] *Cuculus pyrrhophanus* in Australia.

84-002515 Smith, Mary Healy. BREEDING THE ROADRUNNER *GEOCOCCYX CALIFORNIANA* AT COLUMBIA ZOO. *Int. Zoo Yearb.* 21:119-121. 1981. WR 192
[Riverbanks Zool. Park, 500 Wildlife Parkway, Columbia, SC 29210]

84-002516 Smith, Thomas Bates. NEST OF THE RED-STAINED WOODPECKER (*VENILIORNIS AFFINIS*) FROM SOUTHEASTERN PERU. *Condor* 85(4):499. Nov. 1983. WR 192
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720]

84-002517 Sollien, Asbjørn; Birger Nesholen and Jan Erik Fosseidengen. HORIZONTAL PARTITION OF THE BREEDING TERRITORY OF THE THREE-TOED WOODPECKER *PICOIDES TRIDACTYLUS*. *Fauna Norv. Ser. C Cinclus* 5(2):93-94. 1982. In English with Norwegian summ. WR 192
[Kirkely, 1925 Blaker, Norway]

84-002518 Sousa, Patrick J. HABITAT SUITABILITY INDEX MODELS: WILLIAMSON'S SAPSUCKER. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 82/10.47. vi + 13p. Sept. 1983. WR 192
[WELUT, U.S. Fish & Wildl. Serv., Drake Creekside Bldg. One, 2627 Redwing Rd., Fort Collins, CO 80526-2899] *Sphyrapicus thyroideus*.

84-002519 Sousa, Patrick J. HABITAT SUITABILITY INDEX MODELS: LEWIS' WOODPECKER. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 82/10.32. vi + 14p. Apr. 1983. WR 192
[WELUT, U.S. Fish & Wildl. Serv., Drake Creekside Bldg. One, 2627 Redwing Rd., Fort Collins, CO 80526] *Melanerpes lewis* in North America.

84-002520 St. Vaughan, Tom THE YELLOW FACED PARROTLET (*FORPUS XANTHOPS*). *Mag. Parrot Soc.* 17(2):33-35. Feb. 1983. WR 192

84-002521 Stevenson, Henry M.; Eugene Eisenmann; Chester Winegarner and Alvan Karlin. NOTES ON COMMON AND ANTILLEAN NIGHTHAWKS OF THE FLORIDA KEYS. *Auk* 100(4):983-988. Oct. 1983. WR 192
[Tall Timbers Res. Stn., Rt. 1, Box 160, Tallahassee, FL 23212] *Chordeiles gundlachii* and *C. minor*.

84-002522 Stoodley, Pat and John Stoodley. BREEDING THE *AMAZONA OCHROCEPHALA* PARVIPE AND *AMAZONA PRETREI* TUCUMANA. *Mag. Parrot Soc.* 17(6):157-160. June 1983. WR 192

84-002523 Suthers, Roderick A. and Dwight Hector. MECHANISMS OF SONAR PULSE PRODUCTION BY OILBIRDS. *J. Acoust. Soc. Am.* 74(suppl. 1):S32. 1983. Abstract only. WR 192

OTHER BIRDS (CONTINUED)

84-002523 CONTINUED
[Med. Sci. Program, Indiana Univ., Bloomington 47405] *Steatornis caripensis*.

84-002524 Terhivuo, Juhani. WHY DOES THE WRYNECK *JYNX TORQUILLA* BRING STRANGE ITEMS TO THE NEST? *Ornis Fenn.* 60(2):51-57. 1983. In English with Finnish summ. WR 192
[Zool. Mus., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

84-002525 Thompson, David B. and Roderick A. Suthers. ACUITY OF ECHOLOCATION IN THE OILBIRD, *STEATORNIS CARIPENSIS*. *J. Acoust. Soc. Am.* 74(suppl. 1):S32. 1983. Abstract only. WR 192
[Med. Sci. Program, Indiana Univ., Bloomington 47405]

84-002526 Trombulak, Stephen C. A BATHING ASSEMBLY OF BLUE-VENTED HUMMINGBIRDS (*AMAZILIA SAUCEROTTEI*) IN COSTA RICA. *Condor* 85(4):495-496. Nov. 1983. WR 192
[Dep. Zool. NJ-15, Univ. Wash., Seattle 98195]

84-002527 Walker, Dennis A. CHLAMYDIOSIS IN BUDGERIGARS. *Vet. Rec.* 113(19):453. 5 Nov. 1983. WR 192
[Retford Lab., 77 Queen St., Retford, England] *Melopsittacus undulatus*.

84-002528 Withers, Philip C. ENERGY, WATER, AND SOLUTE BALANCE OF THE OSTRICH *STRUTHIO CAMELUS*. *Physiol. Zool.* 56(4):568-579. Oct. 1983. WR 192
[Biol. Dep., Portland State Univ., P.O. Box 751, Portland, OR 97207]

84-002529 Zheng Baolai. [SOME TAXONOMIC PROBLEMS OF CAMPEPHAGIDAE.] *Zool. Res.* 4(3):213-218. Aug. 1983. In Chinese with English summ. WR 192
[Kunming Inst. Zool., Acad. Sinica, Kunming, China] *Pericrocotus* spp. in China.

AMPHIBIANS AND REPTILES

84-002530 Bartels, William S. A TRANSITIONAL PALEOCENE-EOCENE REPTILE FAUNA FROM THE BIGHORN BASIN, WYOMING. *Herpetologica* 39(4):359-374. Dec. 1983. WR 192
[Univ. Mich., Mus. Paleontol., Ann Arbor 48109]

84-002531 Campbell, Jonathan Atwood. THE BIOGEOGRAPHY OF THE CLOUD FOREST HERPETOFAUNA OF MIDDLE AMERICA, WITH SPECIAL REFERENCE TO THE SIERRA DE LAS MINAS OF GUATEMALA. *Ph.D. dissertation, Univ. Kans.* 327p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):1025. Oct. 1983. WR 192

84-002532 Cortés, J. E. A CHECKLIST OF THE CURRENT HERPETOFAUNA OF GIBRALTAR. *Alectoris* No. 5. p. 22-23. 1983. WR 192

AMPHIBIANS AND REPTILES (CONTINUED)

84-002533 DeGraaf, Richard M. and Deborah D. Rudis. FOREST HABITAT FOR REPTILES & AMPHIBIANS OF THE NORTHEAST. *U.S. For. Serv.* v + 239p. 1981. From Monthly Catalog of U.S. Government Publications 83-18478. Sept. 1983. WR 192

84-002534 DeGraaf, Richard M. and Deborah D. Rudis. AMPHIBIANS AND REPTILES OF NEW ENGLAND: HABITS AND NATURAL HISTORY. *Univ. Mass. Press* vii + 85p. Nov. 1983. Price $14.00 cloth, $6.95 paper. WR 192

84-002535 Dickhoff, Walton W. and Douglas S. Darling. EVOLUTION OF THYROID FUNCTION AND ITS CONTROL IN LOWER VERTEBRATES. *Am. Zool.* 23(3):697-707. 1983. WR 192
[Dep. Zool., Univ. Wash., Seattle 98195] Amphibians and reptiles.

84-002536 Ducey, Peter K. and Edmund D. Brodie, Jr. SALAMANDERS RESPOND SELECTIVELY TO CONTACTS WITH SNAKES: SURVIVAL ADVANTAGE OF ALTERNATIVE ANTIPREDATOR STRATEGIES. *Copeia* 1983(4):1036-1041. 14 Dec. 1983. WR 192
[Dep. Ecol. & Evol. Biol., Univ. Mich., Ann Arbor 48109]

84-002537 Feder, Martin E. THE RELATION OF AIR BREATHING AND LOCOMOTION TO PREDATION ON TADPOLES, *RANA BERLANDIERI*, BY TURTLES. *Physiol. Zool.* 56(4):522-531. Oct. 1983. WR 192
[Dep. Anat., Univ. Chicago, Chicago, IL 60637] *Chrysemys picta.*

84-002538 Heckel, D. G. MODELS FOR OPTIMAL TIMING OF AMPHIBIAN METAMORPHOSIS. *Am. Zool.* 23(4):962. 1983. Abstract only. WR 192
[Clemson Univ., Clemson, SC]

84-002539 Jennings, Mark R. AN ANNOTATED CHECK LIST OF THE AMPHIBIANS AND REPTILES OF CALIFORNIA. *Calif. Fish Game* 69(3):151-171. July 1983. WR 192
[School Renewable Nat. Resour., 210 Biological Sci. East Bldg., Univ. Ariz., Tucson 85721]

84-002540 Novales, Ronald R. CELLULAR ASPECTS OF HORMONALLY CONTROLLED PIGMENT TRANSLOCATIONS WITHIN CHROMATOPHORES OF POIKILOTHERMIC VERTEBRATES. *Am. Zool.* 23(3):559-568. 1983. WR 192
[Dep. Neurobiol. & Physiol., Northwestern Univ., Evanston, IL 60201]

84-002541 Ralph, Charles L. EVOLUTION OF PINEAL CONTROL OF ENDOCRINE FUNCTION IN LOWER VERTEBRATES. *Am. Zool.* 23(3):597-605. 1983. WR 192
[Dep. Zool. & Entomol., Colo. State Univ., Fort Collins 80523] Herptiles.

84-002542 Sawyer, T. K.; V. J. Hruby; M. E. Hadley and M. H. Engel. α-MELANOCYTE STIMULATING HORMONE: CHEMICAL NATURE AND MECHANISM OF ACTION. *Am. Zool.* 23(3):529-540. 1983. WR 192
[Exp. Sci., Upjohn Co., Kalamazoo, MI 49001]

84-002543 Sheldon, Andrew L. FOOD AND GROWTH RELATIONSHIPS: A COMMENT ON STATISTICAL ANALYSIS. *Copeia* 1983(4):1090-1092. 14 Dec. 1983. WR 192
[Dep. Zool., Univ. Mont., Missoula 59812]

AMPHIBIANS AND REPTILES (CONTINUED)

84-002544 Sprent, J. F. A. ASCARIDOID NEMATODES OF AMPHIBIANS AND REPTILES: *FREITASASCARIS* N.G. *J. Helminthol.* 57(3):283-290. Sept. 1983. WR 192
[Dep. Parasitol., Univ. Queensland, Brisbane, Queensland 4067, Australia] Review article.

84-002545 Weber, Walter. PHOTOSENSITIVITY OF CHROMATOPHORES. *Am. Zool.* 23(3):495-506. 1983. WR 192
[Zool. Inst., Univ. Cologne, 5000 Cologne, Weyertal 119, West Germany] In amphibians and reptiles.

AMPHIBIANS

84-002546 Alberch, Pere. MORPHOLOGICAL VARIATION IN THE NEOTROPICAL SALAMANDER GENUS *BOLITOGLOSSA*. *Evolution* 37(5):906-919. Sept. 1983. WR 192
[Mus. Comp. Zool., Harvard Univ., Cambridge, MA 02138]

84-002547 Amuro, Naoki; Shinko Okada; Yoshitaka Goto and Ryoiti Shukuya. TURNOVER OF HEME-A IN THE LIVER OF *RANA CATESBEIANA* TADPOLE. *Comp. Biochem. Physiol. B Comp. Biochem.* 76(2):327-329. 1983. WR 192
[Dep. Biochem., Nippon Med. School, Sendagi 1-1-5, Bunkyo-ku, Tokyo 113, Japan]

84-002548 Ask, John Arne. COMPARATIVE ASPECTS OF ADRENERGIC RECEPTORS IN THE HEARTS OF LOWER VERTEBRATES. *Comp. Biochem. Physiol. A Comp. Physiol.* 76(3):543-552. 1983. WR 192
[Dep. Physiol., Univ. Bergen, Årstadveien 19, N-5000 Bergen, Norway] *Rana temporaria.*

84-002549 Bagnara, Joseph T. DEVELOPMENTAL ASPECTS OF VERTEBRATE CHROMATOPHORES. *Am. Zool.* 23(3):465-478. 1983. WR 192
[Dep. Gen. Biol., Univ. Ariz., Tucson 85721] *Phyllomedusa ihrengi.*

84-002550 Barrass, A. N. and L. F. Cohn. PRELIMINARY RESULTS OF INHIBITION OF PHONOTAXIS BY HIGHWAY NOISE FOR SEVERAL SPECIES OF ANURANS (BUFONIDAE AND HYLIDAE). *Am. Zool.* 23(4):882. 1983. Abstract only. WR 192
[Vanderbilt Univ., Nashville, TN] *Bufo* and *Hyla* spp.

84-002551 Bergmann, Martin; Jochen Schindelmeiser and Hartmut Greven. THE GLANDULAR TISSUE IN THE TESTIS OF *SALAMANDRA SALAMANDRA* (L.) (AMPHIBIA, URODELA). *Acta Zool. (Stockh.)* 64(2/3):123-130. 1983. WR 192
[Westfälische Wilhelms-Univ., Anat. Inst., Vesaliusweg 2-4, D-4400 Münster, West Germany]

84-002552 Bern, Howard A. FUNCTIONAL EVOLUTION OF PROLACTIN AND GROWTH HORMONE IN LOWER VERTEBRATES. *Am. Zool.* 23(3):663-671. 1983. WR 192
[Dep. Zool., Univ. Calif., Berkeley 94720]

AMPHIBIANS (CONTINUED)

84-002553 Biswas, H. M. and M. C. Boral. STUDIES ON SOME BIOCHEMICAL ASPECTS IN THE TOAD AFTER 48 HOURS OF EXPOSURE TO SIMULATED HIGH ALTITUDE. *Int. J. Biometeorol.* 27(2):133-141. July 1983. WR 192
[New Basudebpur Rd., Calcutta - 700056, India] *Bufo melanosticus.*

84-002554 Bolt, John R. and R. Eric Lombard. EVOLUTION OF THE AMPHIBIAN TYMPANIC EAR AND THE ORIGIN OF FROGS. *Am. Zool.* 23(4):926. 1983. Abstract only. WR 192
[Field Mus. Nat. Hist., Univ. Chicago, Chicago, IL]

84-002555 Busher, C. E. and T. L. Taigen. INTRASPECIFIC VARIATION IN DIET, HABITAT SELECTION, AND METABOLIC CHARACTERISTICS OF A DART-POISON FROG, *DENDROBATES PUMILIO. Am. Zool.* 23(4):944. 1983. Abstract only. WR 192
[Univ. Conn., Storrs]

84-002556 Caramaschi, Ulisses and Jorge Jim. A NEW MICROHYLID FROG, GENUS *ELACHISTOCLEIS* (AMPHIBIA, ANURA), FROM NORTHEASTERN BRASIL. *Herpetologica* 39(4):390-394. Dec. 1983. WR 192
[Dep. Zool., Inst. Básico Biol. Méd. & Agríc., Univ. Estadual Paulista, Botucatu, Estado de São Paulo, CEP 18.610, Brazil] *E. piauiensis.*

84-002557 Carlsten, A.; L. E. Ericson; O. Poupa and S. Winell. HEART LESIONS IN THE FROG AT HIGH ENVIRONMENTAL TEMPERATURE. *Comp. Biochem. Physiol. A Comp. Physiol.* 76(3):583-591. 1983. WR 192
[Dep. Clin. Physiol. & Anat., Univ. Göteborg, Göteborg, Sweden] *Rana pipiens.*

84-002558 Cicirelli, Michael F.; Kenneth R. Robinson and L. Dennis Smith. INTERNAL pH OF *XENOPUS* OOCYTES: A STUDY OF THE MECHANISM AND ROLE OF pH CHANGES DURING MEIOTIC MATURATION. *Dev. Biol.* 100(1):133-146. Nov. 1983. WR 192
[Dep. Biol. Sci., Purdue Univ., West Lafayette, IN 47907] *X. laevis.*

84-002559 Cole, Kenneth D. and Gwynne H. Little. BILE PIGMENTS AND BILIRUBIN UDP-GLUCURONYL TRANSFERASE DURING THE METAMORPHOSIS OF *RANA CATESBEIANA* TADPOLES. *Comp. Biochem. Physiol. B Comp. Biochem.* 76(3):503-506. 1983. WR 192
[Dep. Biochem., Tex. Tech Univ., Health Sci. Cent., School Med., Lubbock 79430]

84-002560 Cowie, Robert James. THE CYTOLOGY AND CONNECTIONS OF THE MEDIAL PALLIUM IN A TERRESTRIAL URODELE. *Ph.D. dissertation, East Tenn. State Univ.* 162p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):977. Oct. 1983. WR 192
*Plethodon glutinosus.*

84-002561 Crim, Joe William and Steven R. Vigna. BRAIN, GUT AND SKIN PEPTIDE HORMONES IN LOWER VERTEBRATES. *Am. Zool.* 23(3):621-638. 1983. WR 192
[Dep. Zool., Univ. Ga., Athens 30602] "Amphibians."

AMPHIBIANS (CONTINUED)

84-002562 Cupp, Paul V., Jr. THERMAL TOLERANCE AND ACCLIMATION IN THE ANURANS, *BUFO TERRESTRIS*, *HYLA SQUIRELLA* and *HYLA FEMORALIS*. Am. Zool. 23(4):917. 1983. Abstract only. WR 192
[Eastern Ky. Univ., Richmond]

84-002563 Dauça, M. and J. Hourdry. MODIFICATIONS DU RÉGIME ALIMENTAIRE CHEZ LES AMPHIBIENS ANOURES EN MÉTAMORPHOSE. [ANURAN FEEDING BEHAVIOUR DURING POST-EMBRYONIC DEVELOPMENT.] *Bull. Soc. Zool. Fr.* 108(3):409-415. 1983. In French with English summ. WR 192
[Lab. Biol. Dév. École Normale Supérieure Saint-Cloud, Grille d'Honneur, Parc Saint-Cloud, 92210 Saint-Cloud, France] *Rana temporaria* and *Bufo vulgaris*.

84-002564 Davic, Robert Dale. AN INVESTIGATION OF SALAMANDER GUILD PREDATION IN A NORTH CAROLINA STREAM: AN EXPERIMENTAL APPROACH. *Ph.D. dissertation, Kent State Univ.* 251p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):999. Oct. 1983. WR 192
*Desmognathus quadramaculatus*, *Eurycea bislineata*, and *Gyrinophilus porphyriticus*.

84-002565 Davic, Robert D. MICROGEOGRAPHIC BODY SIZE VARIATION IN *DESMOGNATHUS FUSCUS FUSCUS* SALAMANDERS FROM WESTERN PENNSYLVANIA. *Copeia* 1983(4):1101-1104. 14 Dec. 1983. WR 192
[Dep. Biol. Sci., Kent State Univ., Kent, OH 44242]

84-002566 Diaz, N.; M. Sallaberry and H. Nuñez. THE TADPOLE OF *TELMATOBUFO VENUSTUS* (ANURA: LEPTODACTYLIDAE) WITH A CONSIDERATION OF GENERIC RELATIONSHIPS. *Herpetologica* 39(2):111-113. June 1983. WR 192
[Dep. Ciencias Ecol., Fac. Ciencias Basicas & Farmacéuticas, Univ. Chile, Casilla 653, Santiago, Chile]

84-002567 Dolmen, Dag. GROWTH AND SIZE OF *TRITURUS VULGARIS* AND *T. CRISTATUS* (AMPHIBIA) IN DIFFERENT PARTS OF NORWAY. *Holarctic Ecol.* 6(4):356-371. Oct. 1983. WR 192
[Dir. Wildl. & Freshwater Fish, Elgeseter gt 10, N-7000 Trondheim, Norway]

84-002568 Drewry, George E. and A. Stanley Rand. CHARACTERISTICS OF AN ACOUSTIC COMMUNITY: PUERTO RICAN FROGS OF THE GENUS *ELEUTHERODACTYLUS*. *Copeia* 1983(4):941-953. 14 Dec. 1983. WR 192
[U.S. Fish & Wildl. Serv., Office Endangered Species, Washington, DC 20240]

84-002569 Dubois, Alain and Masafumi Matsui. A NEW SPECIES OF FROG (GENUS *RANA*, SUBGENUS *PAA*) FROM WESTERN NEPAL (AMPHIBIA: ANURA). *Copeia* 1983(4):895-901. 14 Dec. 1983. WR 192
[Lab. Reptiles & Amphibians, Mus. Natl. Hist. Nat., 25 rue Cuvier, 75005 Paris, France] *R. rara*.

84-002570 Duellman, William E. and Peter Gray. DEVELOPMENTAL BIOLOGY AND SYSTEMATICS OF THE EGG-BROODING HYLID FROGS, GENERA *FLECTONOTUS* AND *FRITZIANA*. *Herpetologica* 39(4):333-359. Dec. 1983. WR 192
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045]

AMPHIBIANS (CONTINUED)

84-002571 Duellman, William E. A NEW SPECIES OF MARSUPIAL FROG (HYLIDAE: *GASTROTHECA*) FROM COLOMBIA AND ECUADOR. *Copeia* 1983(4):868-874. 14 Dec. 1983. WR 192
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045] *G. dendronastes.*

84-002572 Duellman, William E. *GASTROTHECA AUREOMACULATA*: SYSTEMATIC RESOLUTION OF A CASE OF INTRAPOPULATIONAL POLYCHROMATISM IN A HYLID FROG. *Herpetologica* 39(2):105-110. June 1983. WR 192
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045]

84-002573 Emerson, S. B. SKULL SHAPE IN FROGS. *Am. Zool.* 23(4):1027. 1983. Abstract only. WR 192
[Field Mus. Nat. Hist., Chicago, IL]

84-002574 Emerson, Sharon B. FUNCTIONAL ANALYSIS OF FROG PECTORAL GIRDLES. THE EPICORACOID CARTILAGES. *J. Zool. (Lond.)* 201(3):293-308. Nov. 1983. WR 192
[Div. Amphibians & Reptiles, Field Mus. Nat. Hist., Chicago, IL 60605]

84-002575 Feder, M. E. CONSEQUENCES OF AERIAL RESPIRATION FOR ANURAN LARVAE. *Am. Zool.* 23(4):979. 1983. Abstract only. WR 192
[Univ. Chicago, Chicago, IL]

84-002576 Feder, M. E.; D. B. Seale; M. E. Boraas; R. J. Wassersug and A. G. Gibbs. FUNCTIONAL CONFLICTS BETWEEN FEEDING AND GAS EXCHANGE IN SUSPENSION-FEEDING TADPOLES OF *XENOPUS LAEVIS*. *Am. Zool.* 23(4):979. 1983. Abstract only. WR 192
[Univ. Chicago, Chicago, IL]

84-002577 Feder, Martin E. METABOLIC AND BIOCHEMICAL CORRELATES OF THERMAL ACCLIMATION IN THE ROUGH-SKINNED NEWT *TARICHA GRANULOSA*. *Physiol. Zool.* 56(4):513-521. Oct. 1983. WR 192
[Dep. Anat., Univ. Chicago, Chicago, IL 60637]

84-002578 Feder, Martin E. INTEGRATING THE ECOLOGY AND PHYSIOLOGY OF PLETHODONTID SALAMANDERS. *Herpetologica* 39(3):291-310. Sept. 1983. WR 192
[Dep. Anat., Univ. Chicago, 1025 E. 57th St., Chicago, IL 60637] Review paper.

84-002579 Finkenstädt, Th.; S. O. E. Ebbesson and J.-P. Ewert. PROJECTIONS TO THE MIDBRAIN TECTUM IN *SALAMANDRA SALAMANDRA* L. *Cell Tissue Res.* 234(1):39-55. Oct. 1983. WR 192
[Neuroethol. & Biocybernetics Lab., FB19, Univ. Kassel, D-3500 Kassel, West Germany]

84-002580 Forester, Don C. DURATION OF THE BROODING PERIOD IN THE MOUNTAIN DUSKY SALAMANDER (*DESMOGNATHUS OCHROPHAEUS*) AND ITS INFLUENCE ON AGGRESSION TOWARD CONSPECIFICS. *Copeia* 1983(4):1098-1101. 14 Dec. 1983.

AMPHIBIANS (CONTINUED)

84-002580 CONTINUED WR 192
[Dep. Biol. Sci., Towson State Univ., Towson, MD 21204]

84-002581 Formas, J. R. and M. Ines Vera. KARYOLOGICAL RELATIONSHIPS AMONG FROGS OF THE GENUS *ALSODES*, WITH DESCRIPTION OF THE KARYOTYPES OF *A. VANZOLINII* AND *A. VERRUCOSUS*. *Copeia* 1983(4):1104-1107. 14 Dec. 1983. WR 192
[Inst. Zool., Univ. Austral Chile, Casilla 567, Valdivia, Chile]

84-002582 Frost, John S. and James E. Platz. COMPARATIVE ASSESSMENT OF MODES OF REPRODUCTIVE ISOLATION AMONG FOUR SPECIES OF LEOPARD FROGS (*RANA PIPIENS* COMPLEX). *Evolution* 37(1):66-78. Jan. 1983. WR 192
[Mus. Nat. Hist., Dep. Systematics & Ecol., Univ. Kans., Lawrence 66045]

84-002583 Godley, J. Steve. OBSERVATIONS ON THE COURTSHIP, NESTS AND YOUNG OF *SIREN INTERMEDIA* IN SOUTHERN FLORIDA. *Am. Midl. Nat.* 110(1):215-219. July 1983. WR 192
[Dep. Biol., Univ. South Fla., Tampa 33620]

84-002584 Godwin, Gregory J. and Steven M. Roble. MATING SUCCESS IN MALE TREEFROGS, *HYLA CHRYSOSCELIS* (ANURA: HYLIDAE). *Herpetologica* 39(2):141-146. June 1983. WR 192
[Carnegie Mus. Nat. Hist., 4400 Forbes Ave., Pittsburgh, PA 15213]

84-002585 Grandier-Vazeille, Xavier; Daniel Tetaert; Brigitte Hemon and Gerard Biserte. PHYLOGENETIC STUDIES OF CARDIAC MYOSINS FROM AMPHIBIA TO MAMMALS. *Comp. Biochem. Physiol. B Comp. Biochem.* 76(2):263-270. 1983. WR 192
[Tetaert: Unite Inserm No. 16. & L.A. CNRS, 268 Place de Verdun, 59045 Lille Cedex, France] *Rana esculenta.*

84-002586 Grandison, Alice G. C. and Sanda Ashe. THE DISTRIBUTION, BEHAVIOURAL ECOLOGY AND BREEDING STRATEGY OF THE PYGMY TOAD, *MERTENSOPHRYNE MICRANOTIS* (LOV.). *Bull. Br. Mus. (Nat. Hist.) Zool. Ser.* 45(2):85-93. 28 July 1983. WR 192
[Zool. Dep., British Mus. (Nat. Hist.), Cromwell Rd., London SW7 5BD, England]

84-002587 Grandison, Alice G. C. A NEW SPECIES OF *ARTHROLEPTIS* (ANURA: RANIDAE) FROM THE WEST USAMBARA MOUNTAINS, TANZANIA. *Bull. Br. Mus. (Nat. Hist.) Zool. Ser.* 45(2):77-84. 28 July 1983. WR 192
[Dep. Zool., British Mus. (Nat. Hist.), Cromwell Rd., London SW7 5BD, England] *Arthroleptis tanneri.*

84-002588 Hairston, Nelson G. ALPHA SELECTION IN COMPETING SALAMANDERS: EXPERIMENTAL VERIFICATION OF AN A PRIORI HYPOTHESIS. *Am. Nat.* 122(1):105-113. July 1983. WR 192
[Dep. Biol. & Curriculum Ecol., Univ. N.C., Chapel Hill 27514]

AMPHIBIANS (CONTINUED)

84-002589 Hairston, Nelson G. GROWTH, SURVIVAL AND REPRODUCTION OF *PLETHODON JORDANI*: TRADE-OFFS BETWEEN SELECTIVE PRESSURES. *Copeia* 1983(4):1024-1035. 14 Dec. 1983. WR 192
[Dep. Biol. & Curriculum Ecol., Univ. N.C., Chapel Hill 27514]

84-002590 Hammerson, Geoffrey A. BULLFROG ELIMINATING LEOPARD FROGS IN COLORADO? *Herpetol. Rev.* 13(4):115-116. Dec. 1982. WR 192
[DEPOB, Univ. Colo., Boulder 80309] *Rana catesbeiana, R. blairi,* and *R. pipiens.*

84-002591 Hanken, J. "ESCAPE" FROM A CANALIZED PHENOTYPE: LIMB SKELETAL VARIATION IN THE RED-BACKED SALAMANDER. *Am. Zool.* 23(4):946. 1983. Abstract only. WR 192
[Univ. Colo., Boulder] *Plethodon cinereus.*

84-002592 Hanken, James. MINIATURIZATION AND ITS EFFECTS ON CRANIAL MORPHOLOGY IN PLETHODONTID SALAMANDERS, GENUS *THORIUS* (AMPHIBIA, PLETHODONTIDAE): II. THE FATE OF THE BRAIN AND SENSE ORGANS AND THEIR ROLE IN SKULL MORPHOGENESIS AND EVOLUTION. *J. Morphol.* 177(3):255-268. Sept. 1983. WR 192
[DEPOB, Univ. Colo., Campus Box B-334, Boulder 80309]

84-002593 Hanken, James. GENETIC VARIATION IN A DWARFED LINEAGE, THE MEXICAN SALAMANDER GENUS *THORIUS* (AMPHIBIA: PLETHODONTIDAE): TAXONOMIC, ECOLOGIC AND EVOLUTIONARY IMPLICATIONS. *Copeia* 1983(4):1051-1073. 14 Dec. 1983. WR 192
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720]

84-002594 Hardy, M. P. and J. N. Dent. A STUDY OF THE PRODUCTION OF SPERMATOPHORES IN THE RED-SPOTTED NEWT. *Am. Zool.* 23(4):973. 1983. Abstract only. WR 192
[Univ. Va., Charlottesville] *Plethodon cinereus.*

84-002595 Hauser, Kurt Francis. ROLE OF THYROID HORMONE ON THE MATURATION OF THE FROG CEREBELLUM. *Ph.D. dissertation, Univ. Med. Dentistry N.J., Grad. School Biomed. Sci.* 188p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):977-978. Oct. 1983. WR 192
*Rana catesbeiana.*

84-002596 Haverkamp, Lanny John. NEUROBEHAVIORAL DEVELOPMENT WITH BLOCKADE OF NEURAL FUNCTION IN EMBRYOS OF *XENOPUS LAEVIS*. *Ph.D. dissertation, Univ. N.C. (Chapel Hill)* 145p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):1026. Oct. 1983. WR 192

84-002597 Hawkins, Charles P.; Michael L. Murphy; N. H. Anderson and Margaret A. Wilzbach. DENSITY OF FISH AND SALAMANDERS IN RELATION TO RIPARIAN CANOPY AND PHYSICAL HABITAT IN STREAMS OF THE NORTHWESTERN UNITED STATES. *Can. J. Fish. Aquatic Sci.* 40(8):1173-1185. Aug. 1983. In English with French summ. WR 192
[Dep. Fish. & Wildl., UMC 52, Utah State Univ., Logan 84322]

AMPHIBIANS (CONTINUED)

84-002598 Hays, Herbert E.; F. O. Howard and Louis Rigley. IRREGULAR RETURN TO A SPECIFIC BREEDING POND BY *AMBYSTOMA MACULATUM*. *Proc. Pa. Acad. Sci.* 57(1):112. 1983. Abstract only. WR 192
[Biol. Dep., Shippensburg State Coll., Shippensburg, PA 17257]

84-002599 Helle, K. B. STRUCTURES OF FUNCTIONAL INTEREST IN THE MYOCARDIUM OF LOWER VERTEBRATES. *Comp. Biochem. Physiol. A Comp. Physiol.* 76(3):447-452. 1983. WR 192
[Inst. Physiol., PKI, Univ. Bergen, Årstadveien 19, 5000 Bergen, Norway]

84-002600 Hendrikx, W. M. L. EPIDEMIOLOGICAL ASPECTS OF THE INFECTION WITH *OSWALDOCRUZIA FILIFORMIS* (GOEZE, 1782), TRAVASSOS, 1917 (NEMATODA: TRICHOSTRONGYLIDAE) IN THE COMMON TOAD (*BUFO BUFO* L., 1785) IN THE NETHERLANDS. *Neth. J. Zool.* 33(2):99-124. Aug. 1983. WR 192
[Inst. Vet. Parasitol. & Parasitic Dis., Yalelaan 7, de Uithof, 3584 CL Utrecht, Netherlands]

84-002601 Herman, Ceil A. and Elena J. Sandoval. CATECHOLAMINE EFFECTS ON BLOOD PRESSURE AND HEART RATE IN THE AMERICAN BULLFROG, *RANA CATESBEIANA*. *Gen. Comp. Endocrinol.* 52(1):142-148. Oct. 1983. WR 192
[Dep. Biol., N. Mex. State Univ., Las Cruces 88003]

84-002602 Heyer, W. Ronald. NOTES ON THE FROG GENUS *CYCLORAMPHUS* (AMPHIBIA: LEPTODACTYLIDAE), WITH DESCRIPTIONS OF TWO NEW SPECIES. *Proc. Biol. Soc. Wash.* 96(3):548-559. 31 Oct. 1983. WR 192
[Amphibians & Reptiles, Smithsonian Inst., Washington, DC 20560]
*Cycloramphus izecksohni* and *Cycloramphus cedrensis*.

84-002603 Heyer, W. Ronald and William F. Pyburn. *LEPTODACTYLUS RIVEROI*, A NEW FROG SPECIES FROM AMAZONIA, SOUTH AMERICA (ANURA: LEPTODACTYLIDAE). *Proc. Biol. Soc. Wash.* 96(3):560-566. 31 Oct. 1983. WR 192
[Amphibians & Reptiles, Smithsonian Inst., Washington, DC 20560]

84-002604 Highton, Richard and John R. MacGregor. *PLETHODON KENTUCKI* MITTLEMAN: A VALID SPECIES OF CUMBERLAND PLATEAU WOODLAND SALAMANDER. *Herpetologica* 39(3):189-200. Sept. 1983. WR 192
[Dep. Zool., Univ. Md., College Park 20742]

84-002605 Hirai, Setsuro; Claude Le Goascogne and Etienne-Emile Baulieu. INDUCTION OF GERMINAL VESICLE BREAKDOWN IN *XENOPUS LAEVIS* OOCYTES: RESPONSE OF DENUDED OOCYTES TO PROGESTERONE AND INSULIN. *Dev. Biol.* 100(1):214-221. Nov. 1983. WR 192
[Marine Biol. Stn. Asamushi, Tohoku Univ., Asamuchi, Aomori-city 039-34, Japan]

84-002606 Hird, David W.; Stanley L. Diesch; Robert G. McKinnell; Eville Gorham; Frank B. Martin; Craig A. Meadows and Mary Gasiorowski. *ENTEROBACTERIACEAE* AND *AEROMONAS HYDROPHILA* IN MINNESOTA FROGS AND

AMPHIBIANS (CONTINUED)

84-002606 CONTINUED TADPOLES (*RANA PIPIENS*). *Appl. Environ. Microbiol.* 46(6):1423-1425. Dec. 1983. WR 192
[Dep. Epidemiol. & Preventive Med., School Vet. Med., Univ. Calif., Davis 95616]

84-002607 Hirji, K. N. and A. M. Nikundiwe. OBSERVATIONS ON THE OESOPHAGEAL GLANDS IN SOME TANZANIAN ANURANS. *S. Afr. J. Zool.* 17(1):32-34. 1982. In English with Afrikaans summ. WR 192
[Dep. Zool. & Mar. Biol., Univ. Dar es Salaam, P.O. Box 35064, Dar es Salaam, Tanzania]

84-002608 Hirji, K. N. FINE STRUCTURE OF THE OESOPHAGEAL AND GASTRIC GLANDS OF THE RED-LEGGED PAN FROG *KASSINA MACULATA* DUMERIL. *S. Afr. J. Zool.* 17(1):28-31. 1982. In English with Afrikaans summ. WR 192
[Dep. Zool. & Mar. Biol., Univ. Dar es Salaam, P.O. Box 35064, Dar es Salaam, Tanzania]

84-002609 Holomuzki, Joseph R. PREDATORY BEHAVIOR OF LARVAL *AMBYSTOMA TRIGRINUM NEBULOSUM* ON *LIMNEPHILUS* (TRICHOPTERA) LARVAE. *Great Basin Nat.* 43(3):475-476. 31 July 1983. WR 192
[Dep. Zool., Ariz. State Univ., Tempe 85287]

84-002610 Hoole, D. and J. B. Mitchell. DEVELOPMENT OF THE ALIMENTARY TRACT OF *GORGODERINA VITELLILOBA* DURING MIGRATION IN *RANA TEMPORARIA*. *Int. J. Parasitol.* 13(5):455-462. Oct. 1983. WR 192
[Parasitol. Res. Lab., Dep. Biol. Sci., Univ. Keele, Staffordshire, ST5 5BG, England]

84-002611 Jackson, Helen C. THE EFFECTS OF HOST STARVATION ON EGG PRODUCTION BY A BLOOD FEEDING MONOGENEAN. *Parasitology* 87(2):xv. Oct. 1983. Abstract only. WR 192
[Dep. Zool., Westfield Coll., London Univ. NW3 7ST, England] *Xenopus laevis.*

84-002612 Jaffe, Randal C. *RANA CATESBEIANA* TAIL FIN LACTOGENIC HORMONE RECEPTOR: HYDRODYNAMIC CHARACTERIZATION. *Comp. Biochem. Physiol. B Comp. Biochem.* 76(3):529-533. 1983. WR 192
[Dep. Physiol. & Biophysics, Univ. Ill., Health Sci. Cent., 901 South Wolcott St., Chicago 60612]

84-002613 Jaslow, Alan P., Thomas E. Hetherington and R. Eric Lombard. ACOUSTICAL IMPEDANCE IN FROGS WITH AND WITHOUT TYMPANIC EARS. *Am. Zool.* 23(4):926. 1983. Abstract only. WR 192
[Univ. Chicago, Chicago, IL] *Hyla cinerea* and *Atelopus chiriquiensis.*

AMPHIBIANS (CONTINUED)

84-002614 Joglar, Rafael. ESTUDIO FENETICO DEL GENERO *ELEUTHERODACTYLUS* EN PUERTO RICO. [A PHENETIC STUDY OF THE GENUS *ELEUTHERODACTYLUS* IN PUERTO RICO.] *Caribb. J. Sci.* 19(3-4):33-40. Sept. 1983. In Spanish. WR 192
[Mus. Nat. Hist., Div. Herpetol., Univ. Kans., Lawrence 66045]

84-002615 Jolivet-Jaudet, Geneviève and Susumu Ishii. NATURE DES PRODUITS DE LA SYNTHÈSE INTERRÉNALIENNE IN VITRO CHEZ *BUFO BUFO FORMOSUS* ADULTE. [QUALITATIVE STUDY OF INTERRENAL SYNTHESIS IN VITRO IN ADULT *BUFO BUFO FORMOSUS*.] *C.R. Hebd. Séances Acad. Sci. Sér. III* 296(22):1059-1062. 20 June 1983. In French with English summ. WR 192
[Lab. Physiol. Gén. & Comp. Mus., 7 rue Cuvier, 75231 Paris Cedex 05, France]

84-002616 Jones, K. Bruce; Lauren Porzer Kepner and William G. Kepner. ANURANS OF VEKOL VALLEY, CENTRAL ARIZONA. *Southwest. Nat.* 28(4):469-470. 9 Dec. 1983. WR 192
[U.S. Bur. Land Manage., Phoenix Training Cent., 5050 N. 19th Ave., Suite 300, Phoenix, AZ 85015]

84-002617 Klekamp, Mark; K. V. Prahlad and A. E. Hampel. AMPHIBIAN EGG JELLY COAT AND FERTILIZATION ENVELOPE: INVOLVEMENT IN SODIUM-DEPENDENT AMINO ACID TRANSPORT. *Comp. Biochem. Physiol. A Comp. Physiol.* 76(2):357-362. 1983. WR 192
[Hampel: Dep. Biol. Sci. & Chem., Northern Ill. Univ., DeKalb 60115] *Xenopus laevis.*

84-002618 Krug, Edward C.; Kenneth V. Honn; John Battista and Charles S. Nicoll. CORTICOSTEROIDS IN SERUM OF *RANA CATESBEIANA* DURING DEVELOPMENT AND METAMORPHOSIS. *Gen. Comp. Endocrinol.* 52(2):232-241. Nov. 1983. WR 192
[Dep. Physiol.-Anat., Univ. Calif., Berkeley 94720]

84-002619 Labanick, George M. INHERITANCE OF THE RED-LEG AND RED-CHEEK TRAITS IN THE SALAMANDER *DESMOGNATHUS OCHROPHAEUS*. *Herpetologica* 39(2):114-120. June 1983. WR 192
[Div. Sci. & Math., Univ. S.C., Spartanburg 29303]

84-002620 Laming, Peter Richard and Jörg Peter Ewert. THE EFFECTS OF PRETECTAL LESIONS ON NEURONAL, SUSTAINED POTENTIAL SHIFT AND ELECTROENCEPHALOGRAPHIC RESPONSES OF THE TOAD TECTUM TO PRESENTATION OF A VISUAL STIMULUS. *Comp. Biochem. Physiol. A Comp. Physiol.* 76(2):247-252. 1983. WR 192
[Dep. Zool., Queen's Univ., Belfast BT7 1NN, Northern Ireland] *B. bufo.*

84-002621 Larson, Allan. A MOLECULAR PHYLOGENETIC PERSPECTIVE ON THE ORIGINS OF A LOWLAND TROPICAL SALAMANDER FAUNA I. PHYLOGENETIC INFERENCES FROM PROTEIN COMPARISONS. *Herpetologica* 39(2):85-99. June 1983. WR 192
[Dep. Biochem., Univ. Calif., Berkeley 94720] *Bolitoglossa* spp.

AMPHIBIANS (CONTINUED)

84-002622 Layne, J. R., Jr. and M. A. Romano. HYBRIDIZATION IN *HYLA GRATIOSA* AND *H. CINEREA* AND ITS INFLUENCE ON PHYSIOLOGICAL TOLERANCES. *Am. Zool.* 23(4):943. 1983. Abstract only. WR 192
[Miami Univ., Oxford, OH]

84-002623 Lescure, J. CONTRIBUTION A L'ÉTUDE DES AMPHIBIENS DE GUYANE FRANÇAISE. IX. LE TÊTARD GASTROMYZOPHORE D'*ATELOPUS FLAVESCENS* DUMERIL ET BIBRON (ANURA, BUFONIDAE). [A CONTRIBUTION TO THE STUDY OF THE AMPHIBIANS OF FRENCH GUYANA. IX. THE GASTROMYZOPHOROUS TADPOLE OF *ATELOPUS FLAVESCENS* DUMERIL AND BIBRON; ANURA, BUFONIDAE.] *Amphibia-Reptilia* 2(3):209-215. 1981. From Ecol. Abstr. 1982/6:82L/7914. 1982. In French with English summ. WR 192

84-002624 Li Binghua and Chen Xizong. [AN ANALYSIS OF THE KARYOTYPE OF SPOT-LEGGED TREE FROG (*RHACOPHORUS LEUCOMYSTAX*).] *Acta Zool. Sin.* 29(3):293-294. In Chinese. WR 192

84-002625 Luthardt-Laimer, Gisela. DISTANCE ESTIMATION IN BINOCULAR AND MONOCULAR SALAMANDERS. *Z. Tierpsychol.* 63(2-3):233-240. Oct.-Nov. 1983. In English with German summ. WR 192
[Univ. Bremen, Fachbereich 3-Biol., Arbeitsgruppe Verhaltensphysiol., Postfach 330440, D-2800 Bremen 33, West Germany]

84-002626 Lyapkov, S. M. and É. M. Smirina. DYNAMICS OF BODY SIZE OF FIRST-YEAR COMMON FROGS (*RANA TEMPORARIA*) DURING THE PERIOD OF EMERGENCE ONTO LAND AT THE END OF METAMORPHOSIS. *Sov. J. Ecol.* (*Engl. Transl. Ékologiya*) 14(2):110-115. Nov. 1983. Translated from Ékologiya 1983(2):50-57. Mar.-Apr. 1983. WR 192
[M. V. Lomonosov, Moscow State Univ., Moscow, USSR]

84-002627 Lyerla, Timothy A. and Phillip C. Fournier, Jr. XANTHINE DEHYDROGENASE ACTIVITY IN THE CLAWED FROG, *XENOPUS LAEVIS*. *Comp. Biochem. Physiol. B Comp. Biochem.* 76(3):497-502. 1983. WR 192
[Dep. Biol., Clark Univ., Worcester, MA 01610]

84-002628 Lynch, James F.; David B. Wake and Suh Y. Yang. GENIC AND MORPHOLOGICAL DIFFERENTIATION IN MEXICAN *PSEUDOEURYCEA* (CAUDATA: PLETHODONTIDAE), WITH A DESCRIPTION OF A NEW SPECIES. *Copeia* 1983(4):884-894. 14 Dec. 1983. WR 192
[Chesapeake Bay Cent. Environ. Studies, Smithsonian Inst., Edgewater, MD 21037] *P. longicauda*.

84-002629 Mac Nally, Ralph C. TROPHIC RELATIONSHIPS OF TWO SYMPATRIC SPECIES OF *RANIDELLA* (ANURA). *Herpetologica* 39(2):130-140. June 1983. WR 192
[Dep. Biol., McGill Univ., 1205 Ave. Docteur Penfield, Montréal, Quebec, Canada H3A 1B1] *R. signifera* and *R. parasignifera*.

84-002630 Marian, M. Peter; M. S. M. Christopher; A. M. Selvaraj and T. J. Pandian. STUDIES ON PREDATION OF THE MOSQUITO *CULEX FATIGANS* BY *RANA TIGRINA* TADPOLES. *Hydrobiologia* 106(1):59-63. 9 Sept. 1983.

AMPHIBIANS (CONTINUED)

84-002630 CONTINUED WR 192
[School Biol. Sci., Madurai Kamaraj Univ., Madurai 625 021, India]

84-002631 Milet, Christian; Marino Buscaglia; Marie-Madeleine Chartier; Elisabeth Martelly and Évelyne Lopez. EFFETS COMPARÉS DE L'EXTRAIT DE CORPUSCULES DE STANNIUS D'ANGUILLE ET DU FRAGMENT ACTIF DE LA PARATHYRINE HUMAINE (1-34 hPTH) CHEZ UN BATRACIEN ANOURE, *XENOPUS ALEVIS*. [COMPARATIVE EFFECT OF STANNIUS CORPUSCLES EXTRACTS AND 1-34 hPTH IN THE ANURA, *XENOPUS LAEVIS*.] *C.R. Hebd. Séances Acad. Sci. Sér. III* 297(1):33-36. 4 July 1983. In French with English summ. WR 192
[Lab. Physiol. Gén. & Comp., Mus. Natl. Hist. Nat., CNRS, L.A. no. 90, 7 rue Cuvier, 75231 Paris Cedex 05, France]

84-002632 Miller, K. and G. M. Zoghby. THERMAL ACCLIMATION OF LOCOMOTOR PERFORMANCE IN ANURAN AMPHIBIANS. *Am. Zool.* 23(4):916. 1983. Abstract only. WR 192
[Franklin & Marshall Coll., Lancaster, PA] *Bufo marinus, Rana pipiens,* and *Xenopus laevis.*

84-002633 Miller, Kirk. THE ROLE OF LACTATE PRODUCTION IN THE METABOLIC SUPPORT OF LOCOMOTION BY CLAWED FROGS *XENOPUS LAEVIS*. *Physiol. Zool.* 56(4):580-584. Oct. 1983. WR 192
[Dep. Biol., Franklin & Marshall Coll., P.O. Box 3003, Lancaster, PA 17604]

84-002634 Mills, Arielle Genevieve. POLYADENYLIC ACID-CONTAINING AND POLYADENYLIC ACID-LACKING MESSENGER RNA IN *XENOPUS LAEVIS* EGGS AND EARLY EMBRYOS. *M.S. thesis, Univ. Witwatersrand (South Africa)* 1982. From Masters Abstr. 21(1):114. Mar. 1983. WR 192

84-002635 Miyamoto, Michael M. PURINE-NUCLEOSIDE PHOSPHORYLASE EXPRESSION IN *ELEUTHERODACTYLUS* AND *LEPTODACTYLUS* FROGS. *Comp. Biochem. Physiol. B Comp. Biochem.* 76(3):475-478. 1983. WR 192
[Dep. Biol., Univ. Miami, Coral Gables, FL 33124] Data for 8 spp.

84-002636 Narins, Peter M. DIVERGENCE OF ACOUSTIC COMMUNICATION SYSTEMS OF TWO SIBLING SPECIES OF ELEUTHERODACTYLID FROGS. *Copeia* 1983(4):1089-1090. 14 Dec. 1983. WR 192
[Dep. Biol., Univ. Calif., Los Angeles 90024] *Eleutherodactylus coqui* and *E. portoricensis* in Puerto Rico.

84-002637 Newman, Samuel M., Jr. and James N. Dumont. THIOSEMICARBAZIDE-INDUCED OSTEOLATHYRISM IN METAMORPHOSING *XENOPUS LAEVIS*. *J. Exp. Zool.* 225(3):411-421. Mar. 1983. WR 192
[P.O. Box 5674, State Univ. Stn., Fargo, ND 58105]

84-002638 Norris, David O. EVOLUTION OF ENDOCRINE REGULATION OF METAMORPHOSIS IN LOWER VERTEBRATES. *Am. Zool.* 23(3):709-718. 1983. WR 192
[DEPOB, Univ. Colo., Boulder 80309] Amphibians.

AMPHIBIANS (CONTINUED)

84-002639 Nussbaum, Ronald A. *DICAMPTODON COPEI* NUSSBAUM, COPE'S GIANT SALAMANDER. *Catalogue of American Amphibians and Reptiles* p. 334.1-334.2. 30 Dec. 1983. WR 192
[Univ. Mich., Ann Arbor 48109]

84-002640 Odendaal, F. J. and C. M. Bull. WATER MOVEMENTS, TADPOLE COMPETITION AND LIMITS TO THE DISTRIBUTION OF THE FROGS *RANIDELLA RIPARIA* AND *R. SIGNIFERA*. *Oecologia (Berl.)* 57(3):361-367. Mar. 1983. WR 192
[Dep. Biol. Sci., Stanford Univ., Stanford, CA 94305]

84-002641 Okamura, Nobuyuki and Yasuo Kisimoto. CHANGES IN NERVOUS SYSTEM GLYCOLIPIDS DURING METAMORPHOSIS OF *XENOPUS LAEVIS*. *J. Biol. Chem.* 258(20):12243-12246. 25 Oct. 1983. WR 192
[Dep. Neurol., John F. Kennedy Inst., Johns Hopkins Univ., School Med., Baltimore, MD 21205]

84-002642 Pauley, Thomas K. WEST VIRGINIA DUSKY SALAMANDERS. *Redstart* 50(3):85-91. July 1983. WR 192
[Div. Nat. Sci., Univ. Pittsburgh, Bradford, PA 16701] *Desmognathus* spp.

84-002643 Pierce, Benjamin A.; Jeffry B. Mitton; Larry Jacobson and Francis L. Rose. HEAD SHAPE AND SIZE IN CANNIBAL AND NONCANNIBAL LARVAE OF THE TIGER SALAMANDER FROM WEST TEXAS. *Copeia* 1983(4):1006-1012. 14 Dec. 1983. WR 192
[Dep. Zool., Conn. Coll., New London 06320] *Ambystoma tigrinum mavortium*.

84-002644 Pinder, A. C. and A. R. Palmer. MECHANICAL PROPERTIES OF THE FROG EAR: VIBRATION MEASUREMENTS UNDER FREE- AND CLOSED-FIELD ACOUSTIC CONDITIONS. *Proc. R. Soc. Lond. B Biol. Sci.* 219(1217):371-396. 22 Oct. 1983. WR 192
[Natl. Inst. Med. Res., The Ridgeway, Mill Hill, London NW7 1AA, England] *Rana esculenta*.

84-002645 Pough, F. Harvey and Suzanne Kamel. POST-METAMORPHIC PHYSIOLOGICAL CHANGE IN RELATION TO ANURAN LIFE HISTORIES. *Am. Zool.* 23(4):978. 1983. Abstract only. WR 192
[Cornell Univ., Ithaca, NY] *Bufo americanus*, *Rana sylvatica*, and *R. clamitans*.

84-002646 Puga, S. and R. Franjola. *BAERIETTA CHILENSIS* SP. NOV., (CESTODA; NEMATOTENIIDAE); PRIMERA ESPECIE NEOTROPICAL DESCRITA EN EL ANURO CHILENO *BATRACHYLA TAENIATA* (LEPTODACTYLIDAE). [*BAERIETTA CHILENSIS* SP. NOV. (CESTODA; NEMATOTENIIDAE); FIRST NEOTROPIC SPECIES DESCRIBED IN THE CHILEAN FROG *BATRACHYLA TAENIATA* (LEPTODACTYLIDAE).] *Zentralbl. Veterinärmed. Reihe B* 30(7):521-525. Aug. 1983. In Spanish with German, English, and French summ. WR 192
[Inst. Parasitol., Fac. Med., Univ. Austral Chile, Casilla 567, Valdivia, Chile]

AMPHIBIANS (CONTINUED)

84-002647 Quinn, Dana and Warren Burggren. LACTATE PRODUCTION, TISSUE DISTRIBUTION, AND ELIMINATION FOLLOWING EXHAUSTIVE EXERCISE IN LARVAL AND ADULT BULLFROGS *RANA CATESBEIANA*. *Physiol. Zool.* 56(4):597-613. Oct. 1983. WR 192
[Dep. Pharmacol., Univ. Med. & Dentistry N.J., N.J. School Osteopathic Med., Piscataway 08854]

84-002648 Ralin, Dennis B.; Michael A. Romano and William C. Kilpatrick. THE TETRAPLOID TREEFROG *HYLA VERSICOLOR*: EVIDENCE FOR A SINGLE ORIGIN FROM THE DIPLOID *H. CHRYSOSCELIS*. *Herpetologica* 39(3):212-225. Sept. 1983. WR 192
[Dep. Biol., Millikin Univ., Decatur, IL 62522]

84-002649 Reading, C. J. and R. T. Clarke. MALE BREEDING BEHAVIOUR AND MATE ACQUISITION IN THE COMMON TOAD, *BUFO BUFO*. *J. Zool. (Lond.)* 201(2):237-246. Oct. 1983. WR 192
[Inst. Terrestrial Ecol., Furzebrook Res. Stn., Wareham, Dorest, England]

84-002650 Richards, Christina M. and George W. Nace. DARK PIGMENT VARIANTS IN ANURANS: CLASSIFICATION, NEW DESCRIPTIONS, COLOR CHANGES AND INHERITANCE. *Copeia* 1983(4):979-990. 14 Dec. 1983. WR 192
[Dep. Biol. Sci., Wayne State Univ., Detroit, MI 48202] *Rana pipiens*, *R. clamitans*, *R. sylvatica*, and *Ptychadena mascareniensis*.

84-002651 Roberts, Alan and J. D. W. Clarke. THE SENSORY SYSTEMS OF EMBRYOS OF THE NEWT: *TRITURUS VULGARIS*. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 152(4):529-534. Sept. 1983. WR 192
[Dep. Zool., Univ. Bristol, Bristol BS8 1UB, England]

84-002652 Romano, M. A.; D. B. Ralin; S. I. Guttman and J. H. Skillings. PARALLEL SELECTION OF ELECTROMORPH FREQUENCIES IN THE GRAY TREEFROG, *HYLA CHRYSOSCELIS* AND *HYLA VERSICOLOR*. *Am. Zool.* 23(4):943. 1983. Abstract only. WR 192
[Miami Univ., Oxford, OH]

84-002653 Ryan, Michael J. SEXUAL SELECTION AND COMMUNICATION IN A NEOTROPICAL FROG, *PHYSALAEMUS PUSTULOSUS*. *Evolution* 37(2):261-272. Mar. 1983. WR 192
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720]

84-002654 Sato, Toshihide; Mitsutaka Ohkusa; Yukio Okada and Motomasa Sasaki. TOPOGRAPHICAL DIFFERENCE IN TASTE ORGAN DENSITY AND ITS SENSITIVITY OF FROG TONGUE. *Comp. Biochem. Physiol. A Comp. Physiol.* 76(2):233-239. 1983. WR 192
[Dep. Physiol., Nagasaki Univ. School Dentistry, 7-1 Sakamoto-machi, Nagasaki 852, Japan] *Rana catesbeiana*.

84-002655 Schwartz, Albert. *ELEUTHERODACTYLUS HENINOTA* SHREVE AND WILLIAMS. *Catalogue of American Amphibians and Reptiles* p. 336.1. Dec. 1983. WR 192
[Miami-Dade Community Coll., Miami, FL 33167]

AMPHIBIANS (CONTINUED)

84-002656 Schwartz, Albert. *ELEUTHERODACTYLUS HAITIANUS* BARBOUR. *Catalogue of American Amphibians and Reptiles* p. 335.1-335.2. 30 Dec. 1983. WR 192
[Miami-Dade Community Coll., Miami, FL 33167]

84-002657 Schwartz, Joshua J. and Kentwood D. Wells. THE INFLUENCE OF BACKGROUND NOISE ON THE BEHAVIOR OF A NEOTROPICAL TREE FROG, *HYLA EBRACCATA*. *Herpetologica* 39(2):121-129. June 1983. WR 192
[Biol. Sci. Group, Univ. Conn., Storrs 06268]

84-002658 Seigel, Richard A. NATURAL SURVIVAL OF EGGS AND TADPOLES OF THE WOOD FROG, *RANA SYLVATICA*. *Copeia* 1983(4):1096-1098. 14 Dec. 1983. WR 192
[Savannah River Ecol. Lab., Drawer E, Aiken, SC 29801]

84-002659 Semlitsch, Raymond D. AGE-SPECIFIC REPRODUCTIVE TRAITS OF A FACULTATIVELY NEOTENIC SALAMANDER, *AMBYSTOMA TALPOIDEUM*. *Am. Zool.* 23(4):963. 1983. Abstract only. WR 192
[Savannah River Ecol. Lab., Aiken, SC]

84-002660 Sever, David M. OBSERVATIONS ON THE DISTRIBUTION AND REPRODUCTION OF THE SALAMANDER *EURYCEA JUNALUSKA* IN TENNESSEE. *J. Tenn. Acad. Sci.* 58(3&4):48-50. July-Oct. 1983. WR 192
[Saint Mary's Coll., Notre Dame, IN 46556]

84-002661 Simon, Martin P. THE ECOLOGY OF PARENTAL CARE IN A TERRESTRIAL BREEDING FROG FROM NEW GUINEA. *Behav. Ecol. Sociobiol.* 14(1):61-67. 1983. WR 192
[Dep. Zool., Univ. Calif., Davis 95616] *Cophixalus parkeri*.

84-002662 Soffe, S. R.; J. D. W. Clarke and Alan Roberts. SWIMMING AND OTHER CENTRALLY GENERATED MOTOR PATTERNS IN NEWT EMBRYOS. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 152(4):535-544. Sept. 1983. WR 192
[Dep. Zool., Univ. Bristol, Bristol BS8 1UG, England] *Triturus vulgaris*.

84-002663 Stauffer, Jay R., Jr.; J. Edward Gates and William L. Goodfellow. PREFERRED TEMPERATURE OF TWO SYMPATRIC *AMBYSTOMA* LARVAE: A PROXIMATE FACTOR IN NICHE SEGREGATION? *Copeia* 1983(4):1001-1005. 14 Dec. 1983. WR 192
[Appalachian Environ. Lab., Cent. Environ. & Estuarine Studies, Univ. Md., Frostburg State Coll. Campus, Gunter Hall, Frostburg] *A. jeffersonianum* and *A. maculatum*.

84-002664 Stewart, Margaret M. *RANA CLAMITANS* LATREILLE, GREEN FROG. *Catalogue of American Amphibians and Reptiles* p. 337.1-337.4. 30 Dec. 1983. WR 192
[State Univ. N.Y., Albany 12222]

84-002665 Stiffler, D. F.; B. L. Tufts and D. P. Toews. ACID-BASE AND IONIC BALANCE IN *AMBYSTOMA TIGRINUM* AND *NECTURUS MACULOSUS* DURING HYPERCAPNIA. *Am. J. Physiol.* 245(5):R689-R694. Nov. 1983. WR 192
[Dep. Biol., Acadia Univ., Wolfville, Nova Scotia B0P 1X0, Canada]

AMPHIBIANS (CONTINUED)

84-002666 Stoskopf, M. K. and Richard Hudson. COMMERCIAL FEED FROGS AS A SOURCE OF TREMATODE INFECTION IN REPTILE COLLECTIONS. *Herpetol. Rev.* 13(4):125. Dec. 1982. WR 192
[Baltimore Zool. Soc., Druid Hill Park, Baltimore, MD 21217] *Rana pipiens.*

84-002667 Stouffer, Ronald H., Jr.; J. Edward Gates; Charles H. Hocutt and Jay R. Stauffer, Jr. SURGICAL IMPLANTATION OF A TRANSMITTER PACKAGE FOR RADIO-TRACKING ENDANGERED HELLBENDERS. *Wildl. Soc. Bull.* 11(4):384-386. 1983. WR 192
[Appalachian Environ. Lab., Cent. Environ. & Estuarine Studies, Univ. Md., Frostburg State Coll. Campus, Gunter Hall, Frostburg 21532] *Cryptobranchus alleganiensis.*

84-002668 Suzuki, Masahito R. and Sakaé Kikuyama. CORTICOIDS AUGMENT NUCLEAR BINDING CAPACITY FOR TRIIODOTHRYONINE IN BULLFROG TADPOLE TAIL FINS. *Gen. Comp. Endocrinol.* 52(2):272-278. Nov. 1983. WR 192
[Kikuyama: Dep. Biol., School Education, Waseda Univ., Tokyo 160, Japan] *Rana catesbeiana.*

84-002669 Taigen, T. L. and K. D. Wells. ENERGETICS OF VOCALIZATION BY AN ANURAN AMPHIBIAN (*HYLA VERSICOLOR*). *Am. Zool.* 23(4):980. 1983. Abstract only. WR 192
[Univ. Conn., Storrs]

84-002670 Tashiro, K.; Y. Misumi; K. Shiokawa and K. Yamana. DETERMINATION OF THE RATE OF rRNA SYNTHESIS IN *XENOPUS LAEVIS* TRIPLOID EMBRYOS PRODUCED BY LOW-TEMPERATURE TREATMENT. *J. Exp. Zool.* 225(3):489-495. Mar. 1983. WR 192
[Shiokawa: Dep. Biol., Fac. Sci., Kyushu Univ. 33, Fukuoka 812, Japan]

84-002671 Tassava, Roy A. LIMB REGENERATION TO DIGIT STAGES OCCURS IN WELL-FED ADULT NEWTS AFTER HYPOPHYSECTOMY. *J. Exp. Zool.* 225(3):433-441. Mar. 1983. WR 192
[Dep. Zool., Ohio State Univ., Columbus 43210] *Notophthalmus viridescens.*

84-002672 Taylor, James. ORIENTATION AND FLIGHT BEHAVIOR OF NEOTENIC SALAMANDER (*AMBYSTOMA GRACILE*) IN OREGON. *Am. Midl. Nat.* 109(1):40-49. Jan. 1983. WR 192
[Dep. Zool., Univ. N. H., Durham 03824]

84-002673 Tonon, M. C.; P. Leroux; C. Oliver; S. Jegou; F. Leboulenger; C. Delarue; D. H. Coy and H. Vaudry. *IN VITRO* STUDY OF FROG (*RANA RIDIBUNDA* PALLAS) NEUROINTERMEDIATE LOBE SECRETION BY USE OF A SIMPLIFIED PERIFUSION SYSTEM. III. EFFECT OF NEUROPEPTIDES ON α-MSH SECRETION. *Gen. Comp. Endocrinol.* 52(2):173-181. Nov. 1983. WR 192
[Group Recherche & Endocrinol. Moléculaire, CNRS No. 891, Lab. Endocrinol., Fac. Sci. Rouen, Univ. Haute-Normandie, 76130 Mont-Saint-Aignan, France]

AMPHIBIANS (CONTINUED)

84-002674 Townsend, D. S. WHY SHOULD MALE FROGS CARE? *Am. Zool.* 23(4):913. 1983. Abstract only. WR 192
[State Univ. N.Y., Albany] *Eleutherodactylus coqui.*

84-002675 Travis, Joseph. VARIATION IN DEVELOPMENT PATTERNS OF LARVAL ANURANS IN TEMPORARY PONDS. I. PERSISTENT VARIATION WITHIN A *HYLA GRATIOSA* POPULATION. *Evolution* 37(3):496-512. May 1983. WR 192
[Dep. Biol. Sci., Fla. State Univ., Tallahassee 32306]

84-002676 Utsunomiya, Yasuaki and Taeko Utsunomiya. [PRODUCTION OF HAPLOID EMBRYOS OF THE NEWT, *CYNOPS PYRRHOGASTER*.] *J. Fac. Appl. Biol. Sci. Hiroshima Univ.* 22(1):65-68. Aug. 1983. In Japanese with English summ. WR 192
[Fac. Appl. Biol. Sci., Hiroshima Univ., Fukuyama, Japan]

84-002677 Uzzell, Thomas. AN IMMUNOLOGICAL SURVEY OF ITALIAN WATER FROGS (SALIENTIA: RANIDAE). *Herpetologica* 39(3):225-234. Sept. 1983. WR 192
[Acad. Nat. Sci., 19th & the Parkway, Philadelphia, PA 19103] *Rana lessonae, R. ridibunda* and *R. esculenta.*

84-002678 VanStone, J. M. THE EFFECT OF METAMORPHIC CLIMAX ON ANURAN LIMB REGENERATION. *Am. Zool.* 23(4):969. 1983. Abstract only. WR 192
[Trinity Coll., Hartford, CT] *Rana sylvatica.*

84-002679 Vawda, A.; F. J. Burger and A. L. Smit. GLUCOSE TOLERANCE IN *BUFO GUTTURALIS* (POWER) AFTER DESTRUCTION OF THE ISLETS OF LANGERHANS. *S. Afr. J. Zool.* 17(1):35-40. 1982. In English with Afrikaans summ. WR 192
[Dep. Zool., Univ. Durban-Westville, Private Bag X54001, Durban 4000, South Africa]

84-002680 Verrell, Paul A. THE INFLUENCE OF THE AMBIENT SEX RATIO IN INTERMALE COMPETITION ON THE SEXUAL BEHAVIOUR OF THE RED-SPOTTED NEWT, *NOTOPHTHALMUS VIRIDESCENS* (AMPHIBIA: URODELA: SALAMANDRIDAE). *Behav. Ecol. Sociobiol.* 13(4):307-313. 1983. WR 192
[Dep. Biol., The Open Univ., Walton Hall, Milton Keynes MK7 6AA, Bucks, England]

84-002681 Visser, J.; J. M. Cei and L. S. Gutierrez. THE HISTOLOGY OF DERMAL GLANDS OF MATING *BREVICEPS* WITH COMMENTS ON THEIR POSSIBLE FUNCTIONAL VALUE IN MICROHYLIDS (AMPHIBIA: ANURA). *S. Afr. J. Zool.* 17(1):24-27. 1982. In English with Afrikaans summ. WR 192
[P.O. Box 20, Camps Bay 8040, South Africa]

84-002682 Wake, David B.; Gerhard Roth and Marvalee H. Wake. TONGUE EVOLUTION IN LUNGLESS SALAMANDERS, FAMILY PLETHODONTIDAE. III. PATTERNS OF PERIPHERAL INNERVATION. *J. Morphol.* 178(3):207-224. Dec. 1983. WR 192
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720]

84-002683 Wake, Marvalee H. and Jonathan A. Campbell. A NEW GENUS AND SPECIES OF CAECILIAN FROM THE SIERRA DE LAS MINAS OF GUATEMALA. *Copeia* 1983(4):857-863. 14 Dec. 1983. WR 192
[Dep. Zool., Univ. Calif., Berkeley 94720] *Ninascaecilia sartoria.*

AMPHIBIANS (CONTINUED)

84-002684 Walsh, Ann W. PATTERNS OF HEMOGLOBIN PRODUCTION IN THE ADULT NEWT (*TRITURUS CRISTATUS*) ERYTHRON FOLLOWING INDUCTION OF ANEMIA. *Comp. Biochem. Physiol. B Comp. Biochem.* 76(2):221-225. 1983. WR 192
[Dep. Anat., Univ. Conn. Health Cent., Farmington 06032]

84-002685 Warren, A. A. and M. N. Hutchinson. THE LAST LABYRINTHODONT? A NEW BRACHYOPOID (AMPHIBIA, TEMNOSPONDYLI) FROM THE EARLY JURASSIC EVERGREEN FORMATION OF QUEENSLAND, AUSTRALIA. *Philos. Trans. R. Soc. Lond. B Biol. Sci.* 303(1113):1-62. 13 Sept. 1983. WR 192
[Dep. Zool., La Trobe Univ., Bundoora, Victoria 3083, Australia]

84-002686 Woodward, Bruce. TADPOLE SIZE AND PREDATION IN THE CHIHUAHUAN DESERT. *Southwest. Nat.* 28(4):470-471. 9 Dec. 1983. WR 192
[Dep. Biol., Univ. N.M., Albuquerque 87131]

84-002687 Wu Lu; Xu Runhua; Dong Qian; Li Dejun and Liu Jisheng. [A NEW SPECIES OF *RANA* AND RECORDS OF AMPHIBIANS FROM GUIZHOU PROVINCE.] *Acta Zool. Sin.* 29(1):66-70. 1983. In Chinese with English summ. WR 192
*Rana wuchuanensis.*

84-002688 Zimmerman, Barbara L. A COMPARISON OF STRUCTURAL FEATURES OF CALLS OF OPEN AND FOREST HABITAT FROG SPECIES IN THE CENTRAL AMAZON. *Herpetologica* 39(3):235-246. Sept. 1983. WR 192
[Dep. Zool., Univ. Guelph, Guelph, Ontario, Canada N1G 2W1] Data for 25 spp.

84-002689 Zimmerman, Barbara and Walter Hödl. DISTINCTION OF *PHRYNOHYAS RESINIFICTRIX* (GOELDI, 1907) FROM *PHRYNOHYAS VENULOSA* (LAURENTI, 1768) BASED ON ACOUSTICAL AND BEHAVIOURAL PARAMETERS (AMPHIBIA, ANURA, HYLIDAE). *Zool. Anz.* 211(5/6):341-352. 1983. In English. WR 192
[Dep. Zool., Univ. Guelph, Guelph, Ontario, Canada N1G 2W1]

84-002690 Zyla, John D. MITE LARVAE OBSERVED ON TWO-LINED SALAMANDERS, *EURYCEA BISLINEATA*. *Bull. Md. Herpetol. Soc.* 19(3):83. 30 Sept. 1983. WR 192
[Clearwater Nat. Cent., Cosca Regional Park, Clinton, MD 20735]

REPTILES

84-002691 Acharjyo, L. N. and T. S. N. Murthy. STUDIES ON THE KING COBRAS OF ORISSA, INDIA. *Snake* 15(1):22-31. July 1983. In English with Japanese summ. WR 192
[Nandankanan Biol. Park, P.O. Barang, District Cuttack, Orissa, 754005, India] *Ophiophagus hannah.*

84-002692 Alagón, Alejandro C.; Maria Eugenia A. Maldonado; Jordi Z. Juliá; Cornelio R. Sánchez and Lourival D. Possani. VENOM FROM TWO SUB-SPECIES OF *HELODERMA HORRIDUM* (MEXICAN BEADED LIZARD):

REPTILES (CONTINUED)

84-002692 CONTINUED GENERAL CHARACTERIZATION AND PURIFICATION OF *N*-BENZOYL-L-ARGININE ETHYL ESTER HYDROLASE. *Toxicon* 20(2):463-475. 1982. WR 192
[Possani: Dep. Biol. Molecular, Inst. Invest. Biomed., UNAM, Apartado Postal 70-247, México 20, D.F., México]

84-002693 Anderson, R. A. and W. H. Karasov. ENERGETIC IMPLICATIONS OF WIDELY FORAGING PREDATION IN *CNEMIDOPHORUS*. *Am. Zool.* 23(4):978. 1983. Abstract only. WR 192
[Dep. Biol., Univ. Calif., Los Angeles] *C. tigris* and *C. hyperythrus*.

84-002694 Aragón, F. and F. Gubenšek. *BOTHROPS ASPER* VENOM FROM THE ATLANTIC AND PACIFIC ZONES OF COSTA RICA. *Toxicon* 19(6):797-805. 1981. WR 192
[Dep. Biochem., School Med., Univ. Costa Rica, Ciudad Universitaria, Costa Rica]

84-002695 Arnold, E. N. OSTEOLOGY, GENITALIA AND THE RELATIONSHIPS OF *ACANTHODACTYLUS* (REPTILIA: LACERTIDAE). *Bull. Br. Mus. (Nat. Hist.) Zool. Ser.* 44(5):291-339. 26 May 1983. WR 192
[Dep. Zool., British Mus. (Nat. Hist.), Cromwell Rd., London SW7 5BD, England]

84-002696 Arroyo, Olga and José María Gutiérrez. ESTUDIO ULTRAESTRUCTURAL DE LA MIONECROSIS INDUCIDA EN RATON POR EL VENENO DE TERCIOPELO (*BOTHROPS ASPER*) DE COSTA RICA. [ULTRASTRUCTURAL STUDY OF MYONECROSIS IN MICE INDUCED BY TERCIOPELO VENOM (*BOTHROPS ASPER*) FROM COSTA RICA.] *Toxicon* 19(6):773-782. 1981. In Spanish with English summ. WR 192
[Inst. Clodomiro Picado, Fac. Microbiol., Univ. Costa Rica, San José, Costa Rica]

84-002697 Axtell, Ralph W. *HOLBROOKIA PROPINQUA* BAIRD AND GIRARD, KEELED EARLESS LIZARD. *Catalogue of American Amphibians and Reptiles* p. 341.1-341.2. 30 Dec. 1983. WR 192
[South. Ill. Univ., Edwardsville 62026]

84-002698 Böhme, Wolfgang. THE TUCANO INDIANS OF COLOMBIA AND THE IGUANID LIZARD *PLICA PLICA*: ETHNOLOGICAL, HERPETOLOGICAL AND ETHOLOGICAL IMPLICAITONS. *Biotropica* 15(2):148-150. June 1983. In English with Spanish summ. WR 192
[Zool. Forschungsinst. & Mus. A. Koenig, Adenauerallee 150-164, D-5300 Bonn 1, West Germany]

84-002699 Baeyens, Dennis A. and Robert L. Rountree. A COMPARATIVE STUDY OF EVAPORATIVE WATER LOSS AND EPIDERMAL PERMEABILITY IN AN ARBOREAL SNAKE, *OPHEODRYS AESTIVUS*, AND A SEMI-AQUATIC SNAKE, *NERODIA RHOMBIFERA*. *Comp. Biochem. Physiol. A Comp. Physiol.* 76(2):301-304. 1983. WR 192
[Dep. Biol., Univ. Ark., 33rd & University, Little Rock 72204]

REPTILES (CONTINUED)

84-002700 Baker, Randy E. and James C. Gillingham. AN ANALYSIS OF COURTSHIP BEHAVIOR IN BLANDING'S TURTLE, *EMYDOIDEA BLANDINGI*. *Herpetologica* 39(2):166-173. June 1983. WR 192
[Red Eagle Route, Sunset Lake, Pawhuska, OK 74056]

84-002701 Bakewell, George; Joseph M. Chopek and Gary L. Burkholder. NOTES ON REPRODUCTION OF THE SIDE-BLOTCHED LIZARD *UTA STANSBURIANA STANSBURIANA* IN SOUTHWEST IDAHO. *Great Basin Nat.* 43(3):477-482. 31 July 1983. WR 192
[Mount Vernon Nazarene Coll., Martinsburg Rd., Mount Vernon, OH 43050]

84-002702 Balasubramaniam, Kandiah; David Eaker and Evert Karlsson. AN ATTEMPT TO IDENTIFY AMINO GROUPS OF *NAJA NAJA SIAMENSIS* NEUROTOXIN THAT INTERACT WITH ACETYLCHOLINE RECEPTOR BY A COMPARISON OF THEIR REACTIVITIES IN FREE AND RECEPTOR-BOUND NEUROTOXIN. *Toxicon* 21(2):219-229. 1983. WR 192
[Karlsson: Inst. Biochem., Box 576, S-751 23 Uppsala, Sweden]

84-002703 Bangma, G. C. and H. J. ten Donkelaar. SOME AFFERENT AND EFFERENT CONNECTIONS OF THE VESTIBULAR NUCLEAR COMPLEX IN THE RED-EARED TURTLE *PSEUDEMYS SCRIPTA ELEGANS*. *J. Comp. Neurol.* 220(4):453-464. 10 Nov. 1983. WR 192
[Dep. Anat. & Embryol., Univ. Nijmegen, 6500 H.B. Nijmegen, Netherlands]

84-002704 Barnard, S. M. A REVIEW OF SOME FECAL PSEUDOPARASITES OF REPTILES. *J. Zoo Anim. Med.* 14(2):79-88. June 1983. WR 192
[Dep. Herpetol., Atlanta Zool. Park, Atlanta, GA 30315]

84-002705 Bast, R. E.; J. Zimnochow and A. R. Gibson. COMPARISON OF REPTILIAN VITELLOGENINS. *Am. Zool.* 23(4):969. 1983. Abstract only. WR 192
[Cleveland State Univ., Cleveland, OH]

84-002706 Batzri-Izraeli, R. and A. Bdolah. ISOLATION AND CHARACTERIZATION OF THE MAIN TOXIC FRACTION FROM THE VENOM OF THE FALSE HORNED VIPER (*PSEUDOCERASTES FIELDI*). *Toxicon* 20(5):867-875. 1982. WR 192
[Dep. Zool., George S. Wise Fac. Life Sci., Tel Aviv Univ., Tel Aviv, Isreal]

84-002707 Benefield, Gerald E.; Russell D. Grimpe and Elizabeth Olsen. ASPECTS OF REPRODUCTION IN WESTERN BANDED GECKOS *COLEONYX VARIEGATUS* AT TULSA ZOO. *Int. Zoo Yearb.* 21:83-87. 1981. WR 192
[Tulsa Zoo, 5701 E. 36th St. N, Tulsa, OK 74115]

84-002708 Bertl, Jeff and Flavius C. Killebrew. AN OSTEOLOGICAL COMPARISON OF *GRAPTEMYS CAGLEI* HAYNES AND McKOWN AND *GRAPTEMYS VERSA* STEJNEGER (TESTUDINES: EMYDIDAE). *Herpetologica* 39(4):375-382. Dec. 1983. WR 192
[Dep. Biol., West Tex. State Univ., Canyon 79016]

84-002709 Bickham, John W. and John L. Carr. TAXONOMY AND PHYLOGENY OF THE HIGHER CATEGORIES OF CRYPTODIRAN TURTLES BASED ON A CLADISTIC ANALYSIS OF CHROMOSOMAL DATA. *Copeia* 1983(4):918-932. 14 Dec. 1983. WR 192
[Dep. Wildl. & Fish. Sci., Tex. A&M Univ., College Station 77843]

REPTILES (CONTINUED)

84-002710 Bishop, James M. INCIDENTAL CAPTURE OF DIAMONDBACK TERRAPIN BY CRAB POTS. *Estuaries* 6(4):426-430. Dec. 1983. WR 192
[Kuwait Inst. Sci. Res., P.O. Box 1638, Salmiya, Kuwait] *Malaclemys terrapin* in South Carolina.

84-002711 Bjarnason, Jon B.; Amy Barish; Greg S. Direnzo; Ronald Campbell and Jay W. Fox. KALLIKREIN-LIKE ENZYMES FROM *CROTALUS ATROX* VENOM. *J. Biol. Chem.* 258(20):12566-12573. 25 Oct. 1983. WR 192
[Dep. Chem., Univ. Iceland, Rekyavik, Iceland]

84-002712 Blair, D. PARAMPHISTOMES (DIGENEA: PARAMPHISTOMIDAE) PARASITIC IN MARINE TURTLES (REPTILIA: CHELONIA). *Aust. J. Zool.* 31(5):851-867. 1983. WR 192
[Dep. Zool., Univ. Canterbury, Christchurch 1, New Zealand] *Chelonia mydas* and *Eretmochelys imbricata*.

84-002713 Bloxam, Quentin M. C. THE FEASIBILITY OF REINTRODUCTION OF CAPTIVE-BRED ROUND ISLAND SKINK *LEIOLOPISMA TELFAIRII* TO GUNNERS' QUOIN. *Dodo (J. Jersey Wildl. Preserv. Trust)* No. 19. p. 37-41. 1982. WR 192
[Jersey Wildl. Preserv. Trust, Les Augrès Manor, Trinity, Jersey, Channel Islands, United Kingdom]

84-002714 Boiko, V. P. [THE JAW TESTING MOVEMENTS AND ROLE OF SENSORY SYSTEMS IN FOOD SEARCHING BEHAVIOUR OF *EMYS ORBICULARIS* (TESTUDINES, EMYDIDAE).] *Zool. Zh.* 62(10):1528-1532. Oct. 1983. In Russian with English summ. WR 192
[Inst. Anim. Evol., Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR]

84-002715 Bona-Gallo, Antonella and Paul Licht. EFFECTS OF TEMPERATURE ON SEXUAL RECEPTIVITY AND OVARIAN RECRUDESCENCE IN THE GARTER SNAKE, *THAMNOPHIS SIRTALIS PARIETALIS*. *Herpetologica* 39(2):173-182. June 1983. WR 192
[Dep. Zool., Univ. Calif., Berkeley 94720]

84-002716 Boulain, Jean-Claude; Jacques Couderc; Yolaine Perrodon; Panayotis Liacopoulos; Grazyna Faure and Pierre Fromageot. PRODUCTION OF MONOCLONAL ANTIBODIES SPECIFIC FOR A CURARE-LIKE TOXIN FROM COBRA VENOM. *Toxicon* 20(1):115. 1982. Abstract only. WR 192
[Dep. Biol., CEN Saclay, 91191 Gif/Yvette, France] *Naja nigricollis*.

84-002717 Broadley, Donald G. RECORDS OF TWO SPECIES OF *GRAYIA* (SERPENTES: COLUBRIDAE) FROM ZAMBIA. *Black Lechwe* No. 5. p. 21-25. Oct. 1983. WR 192
[Dep. Herpetol., Natl. Mus., P.O. Box 240, Bulawayo, Zimbabwe] *G. ornata* and *G. tholloni*.

84-002718 Brown, Christopher W. A STUDY OF VARIATION IN EASTERN TIMBER RATTLESNAKES, *CROTALUS HORRIDUS*. *Va. J. Sci.* 34(3):117. 1983. Abstract only. WR 192
[Dep. Biol., George Mason Univ., Fairfax, VA 22124]

REPTILES (CONTINUED)

84-002719 Brown, William S. and Frances M. MacLean. CONSPECIFIC SCENT-TRAILING BY NEWBORN TIMBER RATTLESNAKES, *CROTALUS HORRIDUS*. *Herpetologica* 39(4):430-436. Dec. 1983. WR 192
[Dep. Biol., Skidmore Coll., Saratoga Springs, NY 12866]

84-002720 Buffetaut, Eric. SUR LA PERSISTANCE TARDIVE D'UN CROCODILIEN ARCHAÏQUE DANS LE PLÉISTOCÈNE DE L'ILE DES PINS (NOUVELLE-CALÉDONIE) ET SA SIGNIFICATION BIOG;EOGRAPHIQUE. [ON THE LATE OCCURRENCE OF AN ARCHAIC CROCODILIAN IN THE PLEISTOCENE OF THE ISLE OF PINES (NEW CALEDONIA) AND ITS BIOGEOGRAPHICAL SIGNIFICANCE.] *C.R. Hebd. Séances Acad. Sci. Sér. III* 297(1):5-8. 4 July 1983. In French with English summ. WR 192
[E.R.A. 963 CNRS, Lab. Paléontol. Vertébr., Univ. Paris VI, 4 place Jussieu, 75230 Paris Cedex 05, France]

84-002721 Burchfield, Patrick M.; Theodore F. Beimler and Colette Doucette Hairston. A RANGE EXTENSION FOR *CROTALUS MOLOSSUS NIGRESCENS* IN TAMAULIPAS, MEXICO. *Herpetol. Rev.* 13(4):131-132. Dec. 1982. WR 192
[Gladys Porter Zoo, 500 Ringgold St., Brownsville, TX 78520]

84-002722 Canziani, G.; C. Seki and C. Vidal. ACCESSIBLITY OF THE ACTIVE SITE OF CROTOXIN B IN THE CROTOXIN COMPLEX. *Toxicon* 20(5):809-822. 1982. WR 192
[CONICET, Buenos Aires, Argentina]

84-002723 Carothers, John H. SIZE-RELATED ACTIVITY PATTERNS IN AN HERBIVOROUS LIZARD. *Oecologia (Berl.)* 57(1-2):103-106. Mar. 1983. WR 192
[Mus. Vertebr. Zool. & Dep. Zool., Univ. Calif., Berkeley 94720] *Ctenosaura hemilopha*.

84-002724 Castilonia, R. R.; T. R. Pattabhiraman; F. E. Russell and H. Gonzalez. ELECTROPHYSIOLOGICAL STUDIES ON A PROTEIN FRACTION (K') FROM MOJAVE RATTLESNAKE (*CROTALUS SCUTULATUS SCUTULATUS*) VENOM. *Toxicon* 19(4):473-479. 1981. WR 192
[Lab. Neurol. Res., Univ. South Calif., Los Angeles 90033]

84-002725 Caudle, A. L. EFFECT OF SUBSTRATE WATER CONTENT ON THE DEVELOPMENT OF YELLOW-BELLIED SLIDER TURTLE EMBRYOS. *Am. Zool.* 23(4):963. 1983. Abstract only. WR 192
[Savannah River Ecol. Lab., Aiken, SC] *Pseudemys scripta*.

84-002726 Cervone, Thomas H. and Richard C. Bothner. THE REPRODUCTIVE CYCLE FOR MALE *VIRGINIA VALERIAE PULCHRA* (SERPENTES: COLUBRIDAE) IN NORTHWESTERN PENNSYLVANIA. *Proc. Pa. Acad. Sci.* 57(1):112. 1983. Abstract only. WR 192
[Dep. Biol., St. Bonaventure Univ., St. Bonaventure, NY 14778]

84-002727 Cevese, A.; D. Gattullo; G. Losano; N. A. Marsh; G. Vacca and B. C. Whaler. THE EFFECT OF *BITIS GABONICA* (GABOON VIPER) SNAKE VENOM ON EXTERNAL ILIAC AND MESENTERIC ARTERIAL CIRCULATION IN THE DOG. *Toxicon* 21(1):67-74. 1983. WR 192
[Marsh: Dep. Physiol., Queen Elizabeth Coll., Campden Hill Rd., London W8 7AH, England]

REPTILES (CONTINUED)

84-002728 Chang, Wen-Chang; Muh-Lin Lee and Tung-Bin Lo. PHOSPHOLIPASE $A_2$ ACTIVITY OF LONG-CHAIN CARDIOTOXINS IN THE VENOM OF THE BANDED KRAIT (*BUNGARUS FASCIATUS*). *Toxicon* 21(1):163-165. 1983. WR 192
[Inst. Biol. Chem., Acad. Sinica, Taipei, Taiwan]

84-002729 Chapman, David S. THE SOUTHERN AFRICAN SPITTING COBRAS IN CLINICAL ACTION. *Toxicon* 20(1):355. 1982. Abstract only. WR 192
[Ashington Hospital, Ashington, Northumberland, England NE63 OSA] *Naja* spp.

84-002730 Charles, A. K. and A. P. Joshi. SOURCE OF CARBOHYDRATE IN A TOXIC PROTEIN FROM INDIAN COBRA (*NAJA NAJA NAJA*) VENOM. *Toxicon* 19(3):431-436. 1981. WR 192
[Dep. Biochem., School Dentistry, Univ. Md., Baltimore 21201]

84-002731 Charles, A. K.; S. V. Gangal; S. S. Deshpande and A. P. Joshi. EFFECTS ON MUSCLE OF A TOXIN FROM INDIAN COBRA (*NAJA NAJA NAJA*) VENOM. *Toxicon* 20(6):1019-1035. 1982. WR 192
[Inst. Exp. Pathol. & Toxicol., Albany Med. Coll., Albany, NY 12208]

84-002732 Cheng, H. Y. ENERGETICS AND ADAPTIVE STRATEGIES OF TAIL REGENERATION AND REPRODUCTION IN TWO SYMPATRIC GECKOS. *Am. Zool.* 23(4):978. 1983. Abstract only. WR 192
[Tulane Univ., New Orleans, LA] *Sphaerodactylus clenchi.*

84-002733 Cheong, Yeoh Eng and Roy A. Sirimanne. REPAIR OF THE PLASTRON IN AN AFRICAN GIANT TORTOISE (*TESTUDO GIGANTEA*). *Malay. Vet. J.* 7(3):216-217. Dec. 1982. WR 192
[Sea Park Anim. Polyclinic, Petaling Jaya, Kuala Lumpur, Malaysia]

84-002734 Chester, A. and G. P. M. Crawford. *IN VITRO* COAGULANT PROPERTIES OF VENOMS FROM AUSTRALIAN SNAKES. *Toxicon* 20(2):501-504. 1982. WR 192
[Dep. Haematol., Queen Elizabeth II Med. Cent., Nedlands, Western Australia 6009, Australia] Data for 10 spp.

84-002735 Chiodini, R. J. and S. W. Nielsen. VERTEBRAL OSTEOPHYTES IN AN IGUANID LIZARD. *Vet. Pathol.* 20(3):372-375. May 1983. WR 192
[U-89, Univ. Conn., Storrs 06268] *Iguana iguana.*

84-002736 Chiodini, Rodrick J.; John P. Sundberg and Joyce A. Czikowsky. GROSS ANATOMY OF SNAKES. *Vet. Med. Small Anim. Clin.* 77(3):413-419. Mar. 1982. WR 192
[Dep. Pathobiol. & Northeastern Res. Cent. Wildl. Dis., Univ. Conn., Storrs 06268]

84-002737 Chippaux, J. P. NEW APPROACH FOR STUDYING SNAKE BITES EPIDEMIOLOGY. *Toxicon* 20(1):356. 1982. Abstract only. WR 192
[Inst. Pasteur Côte d'Ivoire, B.P. 490, Abidjan, Ivory Coast]

REPTILES (CONTINUED)

84-002738 Chippaux, J. P.; J. Boche and B. Courtois. ELECTROPHORETIC PATTERNS OF THE VENOMS FROM A LITTER OF *BITIS GABONICA* SNAKES. *Toxicon* 20(2):521-523. 1982. WR 192
[Inst. Pastuer Côte d'Ivoire, B.P. 490, Abidjan, Ivory Coast]

84-002739 Chippaux, J. P. FOREIGN SNAKE BITES IN FRANCE. *Toxicon* 20(1):357. 1982. Abstract only. WR 192
[Inst. Pasteur Côte d'Ivoire, B.P. 490, Abidjan, Ivory Coast]

84-002740 Chiszar, David; Kathryn Stimac; Thomas Poole; Tracy Miller; Charles W. Radcliffe and Hobart M. Smith. STRIKE INDUCED CHEMOSENSORY SEARCHING IN COBRAS (*NAJA NAJA KAOUTHIA, N. MOSSAMBICA PALLIDA*). *Z. Tierpsychol.* 63(1):51-62. Sept. 1983. In English with German summ. WR 192
[Dep. Psychol., Univ. Colo., Boulder 80309]

84-002741 Chiu, K. W.; M. S. Leung and P. F. A. Maderson. THYROID AND SKIN-SHEDDING IN THE RAT SNAKE (*PTYAS KORROS*). *J. Exp. Zool.* 225(3):407-410. Mar. 1983. WR 192
[Maderson: Dep. Biol., Brooklyn Coll., Brooklyn, NY 11210]

84-002742 Cho, S.-Y.; B. H. Cho and S.-Y. Kang. TREMATODE PARASITES OF KOREAN TERRESTRIAL SNAKES. *Chung-Ang J. Med.* 8:13-27. 1983. English abstract only. From *Snake* 15(1):70. July 1983. WR 192
[Dep. Parasitol., Coll. Med., Chung-Ang Univ., Seoul 151, Korea] Data for 7 spp. in 4 genera of snakes.

84-002743 Cho, S.-Y.; K. W. Song and S.-H. Lee. CESTODE PARASITES OF TERRESTRIAL SNAKES IN KOREA. *Chung-Ang J. Med.* 7:321-332. 1982. English abstract only. From *Snake* 15(1):69-70. July 1983. WR 192
[Dep. Parasitol., Coll. Med., Chung-Ang Univ., Seoul 151, Korea] Data for 7 spp. of snakes.

84-002744 Chondropoulos, B. P. and J. J. Lykakis. ECOLOGY OF THE BALKAN WALL LIZARD, *PODARCIS TAURICA IONICA* (SAURIA: LACERTIDAE) FROM GREECE. *Copeia* 1983(4):991-1001. 14 Dec. 1983. WR 192
[Zool. Lab., Univ. Patra, Patra, Greece]

84-002745 Choo Bee Li and Chou Loke Ming. TURTLE FARMING IN SINGAPORE. *Singapore Sci.* 9(2):8-11. 1983. WR 192
[Zool. Dep., Natl. Univ. Singapore, Singapore] *Trionyx sinensis*.

84-002746 Cloete, Francois; Cornelis C. Viljoen and Johannes C. Schabort. DEVIATION FROM MICHAELIS-MENTEN KINETICS FOR ESTERASE E-II FROM THE VENOM OF *BITIS GABONICA*, USING SYNTHETIC ARGININE AMIDES AS SUBSTRATES. *Toxicon* 21(6):857-869. 1983. WR 192
[Natl. Chem. Res. Lab., CSIR, P.O. Box 395, Pretoria 0001, South Africa]

84-002747 Cole, Charles J. and Carol R. Townsend. SEXUAL BEHAVIOUR IN UNISEXUAL LIZARDS. *Anim. Behav.* 31(3):724-728. Aug. 1983. WR 192
[Dep. Herpetol., Am. Mus. Nat. Hist., New York, NY 10024] *Cnemidophorus* spp.

REPTILES (CONTINUED)

84-002748 Conant, Roger. THE ORIGIN OF THE NAME "CANTIL" FOR *AGKISTRODON BILINEATUS*. *Herpetol. Rev.* 13(4):118. Dec. 1982. WR 192
[Dep. Biol., Univ. N.M., Albuquerque 87131]

84-002749 Condrea, Eleonora; Bruce E. Rapuano; Jeffrey E. Fletcher; Chen-Chung Yang and Philip Rosenberg. EFFECTS OF ARGININE MODIFICATION OF *NAJA NIGRICOLLIS* AND *NAJA NAJA ATRA* SNAKE VENOM PHOSPHOLIPASES $A_2$ ON ENZYMATIC ACTIVITY, LETHALITY AND ANTICOAGULANT ACTION. *Toxicon* 19(5):721-725. 1981. WR 192
[Sect. Pharmacol. & Toxicol., Univ. Conn., Storrs 06268]

84-002750 Condrea, Eleonora; Jeffrey E. Fletcher; Bruce E. Rapuano; Chen-Chung Yang and Philip Rosenberg. DISSOCIATION OF ENZYMATIC ACTIVITY FROM LETHALITY AND PHARMACOLOGICAL PROPERTIES BY CARBAMYLATION OF LYSINES IN *NAJA NIGRICOLLIS* AND *NAJA NAJA ATRA* SNAKE VENOM PHOSPHOLIPASES $A_2$. *Toxicon* 19(5):705-720. 1981. WR 192
[Rosenberg: Sect. Pharmacol. & Toxicol., Univ. Conn., Storrs 06268]

84-002751 Congdon, Justin D.; Donald W. Tinkle; Gary L. Breitenbach and Richard C. van Loben Sels. NESTING ECOLOGY AND HATCHING SUCCESS IN THE TURTLE *EMYDOIDEA BLANDINGI*. *Herpetologica* 39(4):417-429. Dec. 1983. WR 192
[Savannah River Ecol. Lab., Drawer E, Aiken, SC]

84-002752 Congdon, Justin D. and J. Whitfield Gibbons. RELATIONSHIPS OF REPRODUCTIVE CHARACTERISTICS TO BODY SIZE IN *PSEUDEMYS SCRIPTA*. *Herpetologica* 39(2):147-151. June 1983. WR 192
[Savannah River Ecol. Lab., Drawer E, Aiken, SC 29801]

84-002753 Cooper, J. E.; O. F. Jackson and J. C. Harshbarger. A NEURILEMMAL SARCOMA IN A TORTOISE (*TESTUDO HERMANNI*). *J. Comp. Pathol.* 93(4):541-545. Oct. 1983. WR 192
[Dep. Pathol., Royal Coll. Surgeons England, 35-43 Lincoln's Inn Fields, London WC2A 3PN, England]

84-002754 Cooper, John E.; Lynne Arnold and Gordon M. Henderson. A DEVELOPMENTAL ABNORMALITY IN THE ROUND ISLAND SKINK *LEIOLOPISMA TELFAIRII*. *Dodo (J. Jersey Wildl. Preserv. Trust)* No. 19. p. 78-81. 1982. WR 192
[Royal Coll. Surgeons, London, England]

84-002755 Cox, T. M. THE NATRICINES OF NORTH AMERICA: NOTES ON TAXONOMY, EVOLUTION AND ECOLOGY. *North. Ohio Assoc. Herpetol. Notes* 11(3):10-13. 14 Dec. 1983. WR 192

84-002756 Crumly, Charles R. AN ANNOTATED CHECKLIST OF THE FOSSIL TORTOISES OF CHINA AND MONGOLIA. *Proc. Biol. Soc. Wash.* 96(3):567-580. 31 Oct. 1983. WR 192
[Div. Amphibians & Reptiles, Smithsonian Inst., Washington, DC 20560]

REPTILES (CONTINUED)

84-002757 Dacey, Dennis Michael. NEURAL ORGANIZATION OF THE OPTIC TECTUM IN THE EASTERN GARTER SNAKE, *THAMNOPHIS SIRTALIS*: STRUCTURAL ANALYSIS OF A SENSORIMETER TRANSFORMATION. *Ph.D. dissertation, Univ. Chicago* 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):977. Oct. 1983. WR 192

84-002758 Daniels, Christopher B. RUNNING: AN ESCAPE STRATEGY ENHANCED BY AUTOTOMY. *Herpetologica* 39(2):162-165. June 1983. WR 192
[Dep. Zool., Univ. New England, Armidale, New South Wales 2351, Australia] *Phyllodactylus marmoratus.*

84-002759 Darlington, Jo. AGGRESSIVE DISPLAY BY SNAKES. *EANHS (East Afr. Nat. Hist. Soc.) Bull.* p. 35. May/June 1983. WR 192
[Sect. Entomol., Natl. Mus. Kenya, Box 40658, Nairobi, Kenya]

84-002760 Davis, John and R. Glenn Ford. HOME RANGE IN THE WESTERN FENCE LIZARD. *Copeia* 1983(4):933-940. 14 Dec. 1983. WR 192
[3470 Martin Rd., Carmel, CA 93923]

84-002761 De Costa, Noel. GRAY'S SEA SNAKE *HYDROPHIS ORNATUS ORNATUS*. *Loris* 15(3):155-156, 195. June 1980. WR 192

84-002762 de Silva, Anslem. REPRODUCTIVE HABITS OF *TRIMERESURUS TRIGONOCEPHALUS* (SONNINI ET LATREILLE). *Snake* 15(1):16-21. July 1983. In English with Japanese summ. WR 192
[Fac. Med., Peradeniya, Sri Lanka]

84-002763 De Silva, Anslem. *CERCASPIS CARINATUS*. A RELICT SNAKE OF SRI LANKA. *Loris* 15(3):164-165. June 1980. WR 192

84-002764 De Wit, Cynthia A. RESISTANCE OF THE PRAIRIE VOLE (*MICROTUS OCHROGASTER*) AND THE WOODRAT (*NEOTOMA FLORIDANA*), IN KANSAS, TO VENOM OF THE OSAGE COPPERHEAD (*AGKISTRODON CONTORTRIX PHAEOGASTER*). *Toxicon* 20(4):709-714. 1982. WR 192
[Heart Sect., Dep. Med., General Hospital, S-214 01 Malmö, Sweden]

84-002765 De Wit, Cynthia A. YIELD OF VENOM FROM THE OSAGE COPPERHEAD, *AGKISTRODON CONTORTRIX PHAEOGASTER*. *Toxicon* 20(2):525-527. 1982. WR 192
[Heart Sect., Dep. Med., General Hospital, S-214 01 Malmö, Sweden]

84-002766 Defaure, Jean Pierre; Annie Depeiges and Monique Chambon. SCANNING ELECTRON-MICROSCOPICAL STUDY OF EPIDIDYMAL SECRETIONS IN THE LIZARD *LACERTA VIVIPARA* (REPTILIA, SQUAMATA) AND OF THEIR RELATIONSHIPS WITH SPERMATOZOA. *Cell Tissue Res.* 234(2):403-409. 1983. WR 192
[Lab. Biol. Cellulaire, Univ. Clermont-Ferrand II, B.P. 45, F-63170 Aubière, France]

84-002767 DeFina, Anthony V. and Michael C. Kennedy. THE COCHLEAR NUCLEI IN COLUBRID AND BOID SNAKES: A QUALITATIVE AND QUANTITATIVE STUDY. *J. Morphol.* 178(3):285-301. Dec. 1983. WR 192
[Sci. Dep., Bishop Ford Central Catholic High School, Brooklyn, NY 11215]

REPTILES (CONTINUED)

84-002768 Dessem, Dean. CORRELATIONS BETWEEN DENTITION, DIET AND PREY CAPTURING BEHAVIOR IN *TUPINAMBIS*. *Am. Zool.* 23(4):1028. 1983. Abstract only. WR 192
[Univ. Ill., Health Sci. Cent., Chicago]

84-002769 Dimond, M. T. and P. Mohanty-Hejmadi. INCUBATION TEMPERATURE AND SEX DIFFERENTIATION IN A SEA TURTLE. *Am. Zool.* 23(4):1017. 1983. Abstract only. WR 192
[Trinity Coll., Washington, DC] *Lepidochelys olivacea.*

84-002770 Dowling, Herndon G.; Richard Highton; George C. Maha and Linda R. Maxson. BIOCHEMICAL EVALUATION OF COLUBRID SNAKE PHYLOGENY. *J. Zool. (Lond.)* 201(3):309-329. Nov. 1983. WR 192
[Dep. Biol., N.Y. Univ., New York 10003]

84-002771 Dufourcq, J.; J. F. Faucon; E. Bernard; M. Pezolet; M. Tessier; P. Bougis; J. Van Rietschoten; P. Delori and H. Rochat. STRUCTURE-FUNCTION RELATIONSHIPS FOR CARDIOTOXINS INTERACTING WITH PHOSPHOLIPIDS. *Toxicon* 20(1):165-174. 1982. WR 192
[Cent. Recherch. Paul Pascal, CNRS, 33405 Talence, France] *Naja mossambica mossambica.*

84-002772 Dunn, R. W. BREEDING THE ESTUARINE CROCODILE *CROCODYLUS POROSUS* AT MELBOURNE ZOO. *Int. Zoo Yearb.* 21:79-81. 1981. WR 192
[Royal Melbourne Zool. Gardens, POB 74, Parkville, Victoria 3052, Australia]

84-002773 Dunn, R. W. FURTHER OBSERVATIONS ON THE CAPTIVE REPRODUCTION OF JOHNSTONE'S CROCODILES *CROCODYLUS JOHNSONI* AT MELBOURNE ZOO. *Int. Zoo Yearb.* 21:82-83. 1981. WR 192
[Royal Melbourne Zool. Garden, POB 74, Parkville, Victoria 3052, Australia]

84-002774 Durkin, J. P.; G. V. Pickwell; J. T. Trotter and W. T. Shier. PHOSPHOLIPASE $A_2$ ELECTROPHORETIC VARIANTS IN REPTILE VENOMS. *Toxicon* 19(4):535-546. 1981. WR 192
[Coll. Pharmacy, Univ. Minn., 128 Pleasant St., S.E., Minneapolis 55455]

84-002775 Ehrhart, L. M. and P. W. Raymond. LOGGERHEAD (*CARETTA CARETTA*) AND GREEN TURTLES (*CHELONIA MYDAS*) NESTING DENSITIES ON A MAJOR EAST-CENTRAL FLORIDA NESTING BEACH. *Am. Zool.* 23(4):963. 1983. Abstract only. WR 192
[Univ. Central Fla., Orlando]

84-002776 Elkan, E. GIANT-CELL ARTERITIS IN A CHELONIAN (*CLEMMYS LEPROSA*). *J. Comp. Pathol.* 93(4):613-618. Oct. 1983. WR 192
[c/o J.E. Cooper: Royal Coll. Surgeons England, London WC2A 3PN, England]

84-002777 Ernst, Carl H. *PLATEMYS RADIOLATA* (MIKAN), RADIATED SIDENECK TURTLE. *Catalogue of American Amphibians and Reptiles* p. 339.1-339.2. 30 Dec. 1983. WR 192
[George Mason Univ., Fairfax, VA 22030]

REPTILES (CONTINUED)

84-002778 Evans, Richard H. CHRONIC BACTERIAL PNEUMONIA IN FREE-RANGING EASTERN BOX TURTLES (*TERRAPENE CAROLINA CAROLINA*). *J. Wildl. Dis.* 19(4):349-352. Oct. 1983. WR 192
[Treehouse Wildl. Cent., R.R. 1, Box 125E, Brighton, IL 62012]

84-002779 Faure, Grazyna; André Menez; Jean-Claude Boulain; Atsushi Sato; Nebuo Tamiya and Pierre Fromageot. THE ROLE OF THE AMINO GROUPS IN THE CURARE-LIKE ACTIVITY OF TOXIN α FROM *NAJA NIGRICOLLIS*. *Toxicon* 20(1):115-116. 1982. Abstract only. WR 192
[Dep. Biol., CEN Saclay, 91191 Gif/Yvette, France]

84-002780 Ferguson, J. Homer and Richard M. Thornton. OXYGEN STORAGE CAPACITY AND TOLERANCE OF SUBMERGENCE OF NON-AQUATIC REPTILE AND AN AQUATIC REPTILE. *Comp. Biochem. Physiol. A Comp. Physiol.* 77(1):183-187. 1984. WR 192
[Dep. Biol. Sci., Univ. Idaho, Moscow 83843] *Natrix sipedon* and *Crotalus viridis*.

84-002781 Ferlan, I.; A. Ferlan; T. King and F. E. Russell. PRELIMINARY STUDIES ON THE VENOM OF THE COLUBRID SNAKE *RHABDOPHIS SUBMINATUS* (RED-NECKED KEELBACK). *Toxicon* 21(4):570-574. 1983. WR 192
[Dep. Pharmacol. & Toxicol., Coll. Pharmacy, Univ. Ariz., Tucson 85721]

84-002782 Fernández Fernández, Elvira and Rosa María Paz Doel. CELL TYPES IN THE MESENCEPHALIC TRIGEMINAL NUCLEUS OF *MAURENYS CASPICA*. *Acta Zool. (Stockh.)* 64(2/3):155-161. 1983. WR 192
[Dep. Morfol. Microscópica, Fac. Ciencias Biol., Univ. Complutense, Madrid, Spain]

84-002783 Frazer, Nat B. SURVIVORSHIP OF ADULT FEMALE LOGGERHEAD SEA TURTLES, *CARETTA CARETTA*, NESTING ON LITTLE CUMBERLAND ISLAND, GEORGIA, USA. *Herpetologica* 39(4):436-447. Dec. 1983. WR 192
[Mar. Policy, Woods Hole Oceanogr. Inst., Woods Hole, MA 02543]

84-002784 Frost, Ian and Melinda Beck Frost. LIMITATIONS TO ALGAL GROWTH IN THE GALAPAGOS ISLANDS: ITS CONSEQUENCES ON THE BREEDING STRATEGY OF THE MARINE IGUANA *AMBLYRHYNCHUS CRISTATUS*. *Not. Galapagos* No. 37. p. 23-24. 1983. WR 192
[Dep. Zool., Ohio State Univ., Columbus 43210]

84-002785 Fusari, M. H. THE WATER BALANCE OF THE CALIFORNIA LEGLESS LIZARD, *ANNIELLA*. *Am. Zool.* 23(4):917. 1983. Abstract only. WR 192
[Univ. Calif., Santa Cruz]

84-002786 Fusari, Margaret H. TEMPERATURE RESPONSES OF STANDARD, AEROBIC METABOLISM BY THE CALIFORNIA LEGLESS LIZARD, *ANNIELLA PULCHRA*. *Comp. Biochem. Physiol. A Comp. Physiol.* 77(1):97-101. 1984. WR 192
[Environ. Studies Board, Univ. Calif., Santa Cruz 95064]

REPTILES (CONTINUED)

84-002787 Gapp, D. A. and J. M. Polak. THE ENDOCRINE PANCREAS OF THE TURTLE, *CHRYSEMYS PICTA*. *Am. Zool.* 23(4):910. 1983. Abstract only. WR 192
[Hamilton Coll., Clinton, NY]

84-002788 García Moll, Alberto. FOOD RELATIVE ABUNDANCE, SIZE, AND RELATIVE ABUNDANCE OF ANOLIS LIZARDS IN NORTHEASTERN PUERTO RICO. *Cuarto Simp. Dep. Rec. Nat.* p. 83-113. 1979. WR 192
[Dep. Nat. Resour., P.O. Box 5887, Puerta de Tierra, PR 00906]

84-002789 Garland, Theodore, Jr. and Stevan J. Arnold. EFFECTS OF A FULL STOMACH ON LOCOMOTORY PERFORMANCE OF JUVENILE GARTER SNAKES (*THAMNOPHIS ELEGANS*). *Copeia* 1983(4):1092-1096. 14 Dec. 1983. WR 192
[Dep. Ecol. & Evol. Biol., Univ. Calif., Irvine 92717]

84-002790 Garrido, Orlando H. NUEVA ESPECIE DE *ANOLIS* (LACERTILIA: IGUANIDAE) DE LA SIERRA DEL TURQUINO, CUBA. [A NEW SPECIES OF *ANOLIS* (LACERTILIA: IGUANIDAE) OF THE TURQUINO MOUNTAINS, CUBA.] *Caribb. J. Sci.* 19(3-4):71-76. Sept. 1983. In Spanish with English summ. WR 192
[Calle 60, No. 1706, Marianao 13, Havana, Cuba] *A. guazuma*.

84-002791 Gavaud, Jacqueline. OBLIGATORY HIBERNATION FOR COMPLETION OF VITELLOGENESIS IN THE LIZARD *LACERTA VIVIPARA* J. *J. Exp. Zool.* 225(3):397-405. Mar. 1983. WR 192
[Lab. Zool., ENS, 75230 Paris, France]

84-002792 Gawade, S. P. and B. B. Gaitonde. ISOLATION AND CHARACTERISATION OF TOXIC COMPONENTS FROM THE VENOM OF THE COMMON INDIAN SEA SNAKE (*ENHYDRINA SCHISTOSA*). *Toxicon* 20(4):797-801. 1982. WR 192
[Molecular Biol. Unit, Tata Inst. Fundamental Res., Bombay 400 005, India]

84-002793 Genevois, J. P.; A. Autefage; P. Fayolle; A. Cazieux and P. Bonnemaison. L'ANESTHESIE DES ESPÉCES INSOLITES EN PRATIQUE VÉTÉRINAIRE COURANTE. NOTE 1: L'ANESTHESIE DES POISSONS ET DES REPTILES. [ANAESTHESIA OF UNUSUAL SPECIES IN COMMON VETERINARY PRACTICE. NOTE 1. FISHES AND REPTILES ANAESTHESIA.] *Rev. Méd. Vét. )Toulouse=* 134(8-9):471-479. Aug.-Sept. 1983. In French with German, English, and Spanish summ. WR 192
[Pathol. Chirurgicale, Ecole Natl. Vét. Toulouse, 23 Chemin des Capelles, F-31076 Toulouse Cedex, France]

84-002794 Georges, Arthur. REPRODUCTION OF THE AUSTRALIAN FRESHWATER TURTLE *EMYDURA KREFFTII* (CHELONIA: CHELIDAE). *J. Zool. (Lond.)* 201(3):331-350. Nov. 1983. WR 192
[Dep. Nat. Resour., School Appl. Sci., Canberra Coll. Advanced Education, P.O. Box 1, Belconnen, ACT, Australia]

84-002795 Gibbons, J. Whitfield. REPRODUCTIVE CHARACTERISTICS AND ECOLOGY OF THE MUD TURTLE, *KINOSTERNON SUBRUBRUM* (LACEPEDE). *Herpetologica* 39(3):254-271. Sept. 1983. WR 192
[Savannah River Ecol. Lab., Drawer E, Aiken, SC 29801]

REPTILES (CONTINUED)

84-002796 Giroux, Eugene and Phillip J. Lachmann. *IN VIVO* DIMINUTION BY CHELATORS OF SNAKE VENOM-PROVOKED HEMORRHAGE AND *IN VITRO* INHIBITION OF PROTEOLYTIC ACTIVITY. *Toxicon* 19(4):481-492. 1981. WR 192
[Merrell Res. Cent., Div. Richarson-Merrell Inc., Cincinnati, OH 45215] Data for 7 spp.

84-002797 Gleeson, T. T. and I. A. Johnston. CONTRACTILE AND ULTRASTRUCTURAL PROPERTIES OF RED AND WHITE LIZARD MUSCLE. *Am. Zool.* 23(4):979. 1983. Abstract only. WR 192
[Univ. Colo., Boulder]

84-002798 Glenn, James L.; Richard C. Straight; Martha C. Wolfe and David L. Hardy. GEOGRAPHICAL VARIATION IN *CROTALUS SCUTULATUS SCUTULATUS* (MOJAVE RATTLESNAKE) VENOM PROPERTIES. *Toxicon* 21(1):119-130. 1983. WR 192
[Venom Res. Lab., Vet. Admin. Med. Cent., Salt Lake City, UT 84148]

84-002799 Goldberg, Stephen R. REPRODUCTION OF THE COAST HORNED LIZARD, *PHRYNOSOMA CORONATUM*, IN SOUTHERN CALIFORNIA. *Southwest. Nat.* 28(4):478-479. 9 Dec. 1983. WR 192
[Biol. Dep., Whittier Coll., Whittier, CA 90608]

84-002800 González, D. CLINICAL ASPECTS OF BITES BY VIPER IN SPAIN. *Toxicon* 20(1):349-353. 1982. WR 192
[Dep. Anat. Hum., Univ. Barcelona, Fac. Med., Bellaterra, Barcelona, Spain] *Vipera latasti*, *V. aspis* and *V. seoanei*.

84-002801 González, Delfín; Jorge Mas and Manuel Almela. THE BACTERIAL FLORA IN MOUTH AND VENOM OF SOME SPECIES OF SNAKES. *Toxicon* 20(1):358. 1982. Abstract only. WR 192
[Dep. Anat. Hum., Fac. Med., Univ. Barcelona, Bellaterra, Barcelona, Spain] Viperidae and Colubridae.

84-002802 Gove, Doris and Gordon M. Burghardt. CONTEXT-CORRELATED PARAMETERS OF SNAKE AND LIZARD TONGUE-FLICKING. *Anim. Behav.* 31(3):718-723. Aug. 1983. WR 192
[Dep. Zool. & Psychol., Univ. Tenn., Knoxville 27996]

84-002803 Green, Jack. SECOND HATCHING OF THE AMERICAN ALLIGATOR *ALLIGATOR MISSISSIPPIENSIS* AT THE AUSTRALIAN REPTILE PARK, GOSFORD. *Int. Zoo Yearb.* 21:76-77. 1981. WR 192
[Australian Reptile Park, Pacific Hwy. (POB 192), Gosford, New South Wales 2250, Australia]

84-002804 Grismer, L. Lee. A REEVALUATION OF THE NORTH AMERICAN GEKKONID GENUS *ANARBYLUS* MURPHY AND ITS CLADISTIC RELATIONSHIPS TO *COLEONYX* GRAY. *Herpetologica* 39(4):394-399. Dec. 1983. WR 192
[Dep. Zool., San Diego State Univ., San Diego, CA 92182]

REPTILES (CONTINUED)

84-002805 Gupta, B. B. Pd. and J. P. Thapliyal. ADRENAL HORMONES AND OXIDATIVE METABOLISM OF THE GARDEN LIZARD (*CALOTES VERSICOLOR*). *J. Endocrinol.* 99(2):211-216. Nov. 1983. WR 192
[Dep. Zool., Banaras Hindu Univ., Varanasi-221005, India]

84-002806 Gutiérrez, José María; Bruno Lomonte; Elsa Portilla; Luis Cerdas and Ermila Rojas. LOCAL EFFECTS INDUCED BY CORAL SNAKE VENOMS: EVIDENCE OF MYONECROSIS AFTER EXPERIMENTAL INOCULATIONS OF VENOMS FROM FIVE SPECIES. *Toxicon* 21(6):777-783. 1983. WR 192
[Inst. Clodomira Picado, Fac. Microbiol., Univ. Costa Rica, San José, Costa Rica] *Micrurus nigrocinctus nigrocinctus, M. n. mosquitensis, M. alleni, M. frontalis, M. carinicauda,* and *M. surinamensis.*

84-002807 Gutiérrez, J. M.; F. Chaves; R. Bolaños; Ermila Rojas; Olga Arroyo and Elsa Portilla. NEUTRALIZACION DE LOS EFFECTOS LOCALES DEL VENENO DE *BOTHROPS ASPER* POR UN ANTIVENENO POLIVALENTE. [NEUTRALIZATION OF THE LOCAL EFFECTS OF THE VENOM OF *BOTHEROPS ASPER* BY A POLYVALENT ANTIVENOM.] *Toxicon* 19(4):493-500. 1981. In Spanish with English summ. WR 192
[Inst. Clodomiro Picado, Fac. Microbiol., Univ. Costa Rica, Ciudad Universitaria, Costa Rica]

84-002808 Haluska, Frank and Pere Alberch. THE CRANIAL DEVELOPMENT OF *ELAPHE OBSOLETA* (OPHIDIA, COLUBRIDAE). *J. Morphol.* 178(1):37-55. Oct. 1983. WR 192
[Mus. Comp. Zool., Harvard Univ., Cambridge, MA 02138]

84-002809 Hammond, K. A., J. R. Spotila and E. A. Standora. BASKING BEHAVIOR OF THE TURTLE, *PSEUDEMYS SCRIPTA,* IS AFFECTED BY DIGESTIVE STATE. *Am. Zool.* 23(4):917. 1983. Abstract only. WR 192
[State Univ., Coll. Buffalo, Buffalo, NY]

84-002810 Hardy, David L. ENVENOMATION BY THE MEXICAN LANCE-HEADED RATTLESNAKE *CROTALUS POLYSTICTUS*: A CASE REPORT. *Toxicon* 20(6):1089-1091. 1982. WR 192
[Dep. Pharmacol. & Toxicol., Coll. Pharmacy, Univ. Ariz., Tucson 85724]

84-002811 Hardy, David L. ENVENOMATION BY THE MOJAVE RATTLESNAKE (*CROTALUS SCUTULATUS SCUTULATUS*) IN SOUTHERN ARIZONA, U.S.A. *Toxicon* 21(1):111-118. 1983. WR 192
[Dep. Pharmacol. & Toxicol., Coll. Pharmacy, Univ. Ariz., Tucson 85724]

84-002812 Hardy, David L. ENVENOMATION BY THE MOJAVE RATTLESNAKE (*CROTALUS SCUTULATUS SCUTULATUS*) IN SOUTHERN ARIZONA, U.S.A. *Toxicon* 20(1):358-359. 1982. Abstract only. WR 192
[Univ. Ariz. Health Sci. Cent., Tucson 85724]

84-002813 Harris, J. B. and C. A. MacDonell. PHOSPHOLIPASE $A_2$ ACTIVITY OF NOTEXIN AND ITS ROLE IN MUSCLE DAMAGE. *Toxicon* 19(3):419-430. 1981. WR 192

REPTILES (CONTINUED)

84-002813 CONTINUED
[Newcastle General Hospital, Newcastle upon Tyne, NE4 6BE, England] *Notechis scutatus scutatus.*

84-002814 Hart, Donald R. DIETARY AND HABITAT SHIFT WITH SIZE OF RED-EARED TURTLES (*PSEUDEMYS SCRIPTA*) IN A SOUTHERN LOUISIANA POPULATION. *Herpetologica* 39(3):285-290. Sept. 1983. WR 192
[IEC Beak Consultants Ltd., 6870 Goreway Dr., Mississauga, Ontario, Canada L4V 1P1]

84-002815 Harvey, A. L. and P. W. Gage. INCREASE OF EVOKED RELEASE OF ACETYLCHOLINE AT THE NEUROMUSCULAR JUNCTION BY A FRACTION FROM THE VENOM OF THE EASTERN GREEN MAMBA SNAKE (*DENDROASPIS ANGUSTICEPS*). *Toxicon* 19(3):373-381. 1981. WR 192
[Dep. Physiol. & Pharmacol., Univ. Strathclyde, Glasgow G1 1XW, Scotland]

84-002816 Harvey, A. L.; R. J. Marshall and E. Karlsson. EFFECTS OF PURIFIED CARDIOTOXINS FROM THE THAILAND COBRA (*NAJA NAJA SIAMENSIS*) ON ISOLATED SKELETAL AND CARDIAC MUSCLE PREPARATIONS. *Toxicon* 20(2):379-396. 1982. WR 192
[Dep. Physiol. & Pharmacol., Univ. Strathclyde, Glasgow G1 1XW, Scotland]

84-002817 Hauser, B.; F. Mettler and A. Rübel. HERPESVIRUS-LIKE INFECTION IN TWO YOUNG BOAS. *J. Comp. Pathol.* 93(4):514-519. Oct. 1983. WR 192
[Inst. Vet.-Pathol., Vet.-Med. Fak. Univ. Zürich, Winterthurerstr. 260, CH-8057 Zürich, Switzerland] *Boa constrictor.*

84-002818 Hertz, Paul E.; Raymond B. Huey and Eviatar Nevo. HOMAGE TO SANTA ANITA: THERMAL SENSITIVITY OF SPRINT SPEED IN AGAMID LIZARDS. *Evolution* 37(5):1075-1084. Sept. 1983. WR 192
[Dep. Biol. Sci., Barnard Coll., Columbia Univ., New York, NY 10027]

84-002819 Hjertaas, Dale. NORTHERN REDBELLY SNAKE AT ANTLER. *Blue Jay* 41(4):185. Dec. 1983. WR 192
[919 Cook Crescent, Regina, Saskatchewan, Canada S4X 2L9] *Storeria occipitomaculata* in Canada.

84-002820 Ho, C. L. and C. Y. Lee. PRESYNAPTIC ACTIONS OF MOJAVE TOXIN ISOLATED FROM MOJAVE RATTLESNAKE (*CROTALUS SCUTULATUS*) VENOM. *Toxicon* 19(6):889-892. 1981. WR 192
[Inst. Biol. Chem., Acad. Sinica, Taipei, Taiwan]

84-002821 Holmback, Erik. REPRODUCTION OF THE BROWN CAIMAN *CAIMAN CROCODILUS FUSCUS* AT THE SAN ANTONIO ZOO. *Int. Zoo Yearb.* 21:77-79. 1981. WR 192
[Reptile Dep., San Antonio Zool. Gardens, San Antonio, TX 78212]

REPTILES (CONTINUED)

84-002822 Holmstrom, William F., Jr. OBSERVATIONS ON THE REPRODUCTION OF THE YELLOW ANACONDA *EUNECTES NOTAEUS* AT THE NEW YORK ZOOLOGICAL PARK. *Int. Zoo Yearb.* 21:92-94. 1981. WR 192
[Dep. Herpetol., N.Y. Zool. Soc., Bronx 10460]

84-002823 Hong, Bor-Shyue. ISOLATION AND IDENTIFICATION OF A COLLAGENOLYTIC ENZYME FROM THE VENOM OF THE WESTERN DIAMONDBACK RATTLESNAKE (*CROTALUS ATROX*). *Toxicon* 20(3):535-545. 1982. WR 192
[Dep. Ophthalmol. & Visual Sci., Tex. Tech Univ. Health Sci. Cent., Lubbock 79430]

84-002824 Hoshimoto, Koichi and Michihisa Toriba. [NOTES ON THE COLORATION OF JAPANESE MAMUSHI, *AGKISTRODON BLOMHOFFI BLOMHOFFI* (BOIE), FROM TSUSHIMA ISLAND.] *Snake* 15(1):50-52. July 1983. In Japanese with English summ. WR 192
[7-3 Otanidanchi, Babayama, Yahatanishi-ku, Kitakyushu, 807-11, Japan]

84-002825 Huang, Shyi Yi and John C. Perez. A COMPARATIVE ELECTRON MICROSCOPIC STUDY OF MYONECROSIS INDUCED BY *CROTALUS ATROX* (WESTERN DIAMONDBACK RATTLESNAKE) IN GRAY WOODRATS AND MICE. *Toxicon* 20(2):443-449. 1982. WR 192
[Dep. Biol., Tex. A&I Univ., Kingsville 78363]

84-002826 Hulse, Arthur C. and Eric J. Routman. LEECH (*PLACOBDELLA PARASITICA*) INFESTATIONS ON THE WOOD TURTLE, *CLEMMYS INSCULPTA*. *Herpetol. Rev.* 13(4):116-117. Dec. 1982. WR 192
[Biol. Dep., Indiana Univ. Pa., Indiana, PA 15705]

84-002827 Iverson, John B. *KINOSTERNON OAXACAE* BERRY AND IVERSON, OAXACA MUD TURTLE. *Catalogue of American Amphibians and Reptiles* p. 338.1-338.2. 30 Dec. 1983. WR 192
[Earlham Coll., Richmond, IN 47374]

84-002828 Jaksić, Fabian M. and Kurt Schwenk. NATURAL HISTORY OBSERVATIONS ON *LIOLAEMUS MAGELLANICUS*, THE SOUTHERNMOST LIZARD IN THE WORLD. *Herpetologica* 39(4):457-461. Dec. 1983. WR 192
[Schwenk: Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720]

84-002829 Jennings, Mark R. *MASTICOPHIS LATERALIS* (HALLOWELL), STRIPED RACER. *Catalogue of American Amphibians and Reptiles* p. 343.1-343.2. 30 Dec. 1983. WR 192
[Univ. Ariz., Tucson 85721]

84-002830 Jones, K. Bruce. MOVEMENT PATTERNS AND FORAGING ECOLOGY OF GILA MONSTERS (*HELODERMA SUSPECTUM* COPE) IN NORTHWESTERN ARIZONA. *Herpetologica* 39(3):247-253. Sept. 1983. WR 192
[U.S. Bur. Land Manage., Phoenix Training Cent., 5050 N. 19th Ave., Suite 300, Phoenix, AZ 85015]

REPTILES (CONTINUED)

84-002831 Judd, Frank W. and Francis L. Rose. POPULATION STRUCTURE, DENSITY AND MOVEMENTS OF THE TEXAS TORTOISE *GOPHERUS BERLANDIERI*. *Southwest. Nat.* 28(4):387-398. 9 Dec. 1983. WR 192
[Dep. Biol., Pan American Univ., Edinburg, TX 78539]

84-002832 Kardon, Alan. CAPTIVE REPRODUCTION IN GEOFFROY'S SIDE-NECKED TURTLE *PHRYNOPS GEOFFROANUS GEOFFROANUS*. *Int. Zoo Yearb.* 21:71-72. 1981. WR 192
[Reptile Dep., San Antonio Zool. Gardens, San Antonio, TX 78212]

84-002833 Khupulsup, Kalayanee; Nitaya Poopyruchpong; Bencha Petchclai and Kavi Ratanabanangkoon. A PASSIVE HEMAGGLUTINATION TEST FOR ANTIBODY *NAJA NAJA SIAMENSIS* TOXIN 3. *Toxicon* 19(6):863-866. 1981. WR 192
[Dep. Pathol., Fac. Med., Ramathibodi Hospital, Bangkok 4, Thailand]

84-002834 King, Max. KARYOTYPIC EVOLUTION IN *GEHYRA* (GEKKONIDAE: REPTILIA) III. THE *GEHYRA AUSTRALIS* COMPLEX. *Aust. J. Zool.* 31(5):723-741. 1983. WR 192
[Dep. Popul. Biol., Res. School Biol. Sci., Natl. Univ., Canberra, A.C.T. 2601, Australia]

84-002835 Kleis, S. and I. P. Callard. PROGESTERONE RECEPTORS IN THE OVIDUCT OF OVOVIVIPAROUS WATERSNAKES (*NERODIA*). *Am. Zool.* 23(4):909. 1983. Abstract only. WR 192
[Boston Univ., Boston, MA]

84-002836 Kline, L. W. A LONG TERM STUDY OF THE TOOTH REPLACEMENT PHENOMENON IN THE GREEN IGUANA, *IGUANA IGUANA*. *Am. Zool.* 23(4):915. 1983. Abstract only. WR 192
[Univ. Alberta, Edmonton, Alberta, Canada]

84-002837 Klosterman, Lorrie L. THE ULTRASTRUCTURE OF GERMINAL BEDS IN THE OVARY OF *GERRHONOTUS COERULEUS* (REPTILIA: ANGUIDAE). *J. Morphol.* 178(3):247-265. Dec. 1983. WR 192
[Reprod. Endocrinol. Cent., 1656 HSW, Univ. Calif., San Francsico 94143]

84-002838 Kminiak, Milan and Stanislav Kalúz. EVALUATION OF SEXUAL DIMORPHISM IN SNAKES (OPHIDIA, SQUAMATA) BASED ON EXTERNAL MORPHOLOGICAL CHARACTERS. *Folia Zool.* 32(3):259-270. 1983. In English with Russian summ. WR 192
[Dep. Systematic & Ecol. Zool., Fac. Nat. Sci., Comenius Univ., Moskovská 2, Bratislava 814 52, Czechoslovakia] Data for 5 spp.

84-002839 Kochva, E.; Linde Tönsing; A. I. Louw; N. v.d. W. Liebenberg and L. Visser. BIOSYNTHESIS, SECRETION AND *IN VIVO* ISOTOPIC LABELLING OF VENOM OF THE EGYPTIAN COBRA, *NAJA HAJE ANNULIFERA*. *Toxicon* 20(3):615-636. 1982. WR 192
[Dep. Zool., Tel Aviv Univ., Tel Aviv, Israel]

84-002840 Kofron, Christopher P. FEMALE REPRODUCTIVE CYCLE OF THE NEOTROPICAL SNAIL-EATING SNAKE *SIBON SANNIOLA* IN NORTHERN YUCATAN, MEXICO. *Copeia* 1983(4):963-969. 14 Dec. 1983. WR 192

REPTILES (CONTINUED)

84-002840 CONTINUED
[Dep. Biol. Sci., Univ. Zimbabwe, P.O. Box MP 167, Mount Pleasant, Harare, Zimbabwe]

84-002841 Kornalík, František and Eva Táborská. NEUTRALIZATION OF LOCAL AND SYSTEMIC EFFECTS OF SNAKE VENOMS BY ANTIVENOMS. *Toxicon* 20(1):359-360. 1982. Abstract only. WR 192
[Inst. Pathophysiol., Charles Univ., 128 53 Praha 2, U nemocnice 5, Czechoslovakia]

84-002842 Kratzer, W. ON THE TERRITORIAL BEHAVIOUR OF THE AGAMID LIZARD; (*SITANA PONTICERIANA PONTICERIANA*). *Loris* 15(3):162-163. June 1980. WR 192
[Ludwig-Maximilian-Univ., Munich, West Germany]

84-002843 Kress, Lawrence F. and Joseph J. Catanese. EFFECTS OF HUMAN PLASMA $\alpha_2$ MACROGLOBULIN ON THE PROTEOLYTIC ACTIVITY OF SNAKE VENOMS. *Toxicon* 19(4):501-507. 1981. WR 192
[Lab. Enzymol., Roswell Park Mem. Inst., Buffalo, NY 14263]

84-002844 Kuchling, G. SEASONAL VARIATIONS OF THE OXYGEN CONSUMPTION AND THE BLOOD GLUCOSE CONCENTRATION UNDER LOW TEMPERATURE CONDITIONS IN THE MALE TORTOISE, *TESTUDO HERMANNI HERMANNI* GMELIN. *Amphibia-Reptilia* 2(3):235-241. 1981. From Ecol. Abstr. 1982/6:82L/8373. 1982. WR 192

84-002845 Lamb, Trip. ON THE PROBLEMATIC IDENTIFICATION OF *KINOSTERNON* (TESTUDINES: KINOSTERNIDAE) IN GEORGIA, WITH NEW STATE LOCALITIES FOR *KINOSTERNON BAURI*. *Ga. J. Sci.* 41(4):115-120. Sept. 1983. WR 192
[Savannah River Ecol. Lab., Drawer E, Aiken, SC 29801]

84-002846 Lamb, Trip. THE STRIPED MUD TURTLE (*KINOSTERNON BAURI*) IN SOUTH CAROLINA, A CONFIRMATION THROUGH MULTIVARIATE CHARACTER ANALYSIS. *Herpetologica* 39(4):383-390. Dec. 1983. WR 192
[Savannah River Ecol. Lab., Drawer E, Aiken, SC 29801]

84-002847 Lambert, M. R. K. SOME FACTORS INFLUENCING THE MOROCCAN DISTRIBUTION OF THE WESTERN MEDITERRANEAN SPUR-THIGHED TORTOISE, *TESTUDO GRAECA GRAECA* L., AND THOSE PRECLUDING ITS SURVIVAL IN NW EUROPE. *Zool. J. Linn. Soc.* 79(2):149-179. Oct. 1983. WR 192
[Tropical Dev. & Res. Inst., College House, Wrights Lane, London W8 5SJ, England]

84-002848 Lee, C. Y.; C. L. Ho and D. P. Botes. SITE OF ACTION OF CAUDOXIN, A NEUROTOXIC PHOSPHOLIPASE $A_2$ FROM THE HORNED PUFF ADDER (*BITIS CAUDALIS*) VENOM. *Toxicon* 20(3):637-647. 1982. WR 192
[Pharmacol. Inst., Coll. Med., Natl. Taiwan Univ., Taipei, Taiwan]

84-002849 Lee, C.-Y.; Y. M. Chen and F. J. Joubert. PROTECTION BY ATROPINE AGAINST SYNERGISTIC LETHAL EFFECTS OF THE *ANGUSTICEPS*-TYPE TOXIN $F_7$ FROM EASTERN GREEN MAMBA VENOM AND TOXIN I FROM BLACK MAMBA

REPTILES (CONTINUED)

84-002849 CONTINUED VENOM. *Toxicon* 20(3):665-667. 1982. WR 192
[Pharmacol. Inst., Coll. Med., Natl. Taiwan Univ., Taipei, Taiwan] *Dendroaspis angusticeps* and *D. polylepis polylepis*.

84-002850 Lee, Julian C. *ANOLIS SERICEUS* HALLOWELL, SILKY ANOLE. *Catalogue of American Amphibians and Reptiles* p. 340.1-340.2. 30 Dec. 1983. WR 192
[Univ. Miami, Coral Gables, FL 33124]

84-002851 Liner, Ernest A. *TANTILLA WILCOXI* STEJNEGER, CHIHUAHUAN BLACKHEADED SNAKE. *Catalogue of American Amphibians and Reptiles* p. 345.1-345.2. 30 Dec. 1983. WR 192
[310 Malibu Blvd., Houma, LA 70364-2598]

84-002852 Lomonte, B.; L. Cerdas; J. A. Gené and J. M. Gutiérrez. NEUTRALIZATION OF LOCAL EFFECTS OF THE TERCIOPELO (*BOTHROPS ASPER*) VENOM BY BLOOD SERUM OF THE COLUBRID SNAKE *CLELIA CLELIA*. *Toxicon* 20(3):571-579. 1982. WR 192
[Inst. Clodomiro Picado, Fac. Microbiol., Univ. Costa Rica, San José, Costa Rica]

84-002853 Lomonte, Bruno; José A. Gené; José María Gutiérrez and Luis Cerdas. ESTUDIO COMPARATIVO DE LOS VENENOS DE SERPIENTE CASCABEL (*CROTALUS DURISSUS DURISSUS*) DE EJEMPLARES ADULTOS Y RECIEN NACIDOS. [COMPARATIVE STUDY OF THE VENOM OF THE RATTLESNAKE (*CROTALUS DURISSUS DURISSUS*) OF ADULT AND RECENTLY BORN SPECIMENS.] *Toxicon* 21(3):379-384. 1983. In Spanish with English summ. WR 192
[Inst. Clodomiro Picado, Fac. Microbiol., Univ. Costa Rica, San José, Costa Rica]

84-002854 Mak, Paul; Shuk-Mei Ho and Ian P. Callard. CHARACTERIZATION OF AN ESTROGEN RECEPTOR IN THE TURTLE TESTIS. *Gen. Comp. Endocrinol.* 52(2):182-189. Nov. 1983. WR 192
[Dep. Biol., Boston Univ., Boston, MA 02215] *Chrysemys picta*.

84-002855 Mandelbaum, Fajga R.; Antonia P. Reichl and Marina T. Assakura. ISOLATION AND CHARACTERIZATION OF A PROTEOLYTIC ENZYME FROM THE VENOM OF THE SNAKE *BOTHROPS JARARACA* (JARARACA). *Toxicon* 20(6):955-972. 1982. WR 192
[Serv. Bioquim., Inst. Butantan, São Paulo, Brazil]

84-002856 Marsh, R. L. SCALING OF SPRINT LOCOMOTORY PERFORMANCE DURING GROWTH IN THE LIZARD *DIPSOSAURUS DORSALIS*. *Am. Zool.* 23(4):890. 1983. Abstract only. WR 192
[Northeastern Univ., Boston, MA]

84-002857 McKeown, S.; J. O. Juvik and D. E. Meier. OBSERVATIONS ON THE REPRODUCTIVE BIOLOGY OF THE LAND TORTOISES *GEOCHELONE EMYS* AND *GEOCHELONE YNIPHORA* IN THE HONOLULU ZOO. *Zoo Biol.* 1(3):223-235. 1982. WR 192
[Juvik: Geogr. Dep., Univ. Hawaii, 1400 Kapiolani St., Hilo 96720]

REPTILES (CONTINUED)

84-002858 McLellan, Garey L. and Jorge K. Leong. RADIOLOGIC EVALUATION OF THE DIFFERENTIAL ABSORPTION OF DIATRIZOATE IN MARINE TURTLES. *U.S. Natl. Mar. Fish. Serv. Tech. Mem.*. SECF 93. 20p. May 1982. From U.S. Government Reports 83(6):1011. 18 Mar. 1983. Available from NTIS as PB83-138255. WR 192

84-002859 Mebs, D. and F. Panholzer. ISOLATION OF A HEMORRHAGIC PRINCIPLE FROM *BITIS ARIETANS* (PUFF ADDER) SNAKE VENOM. *Toxicon* 20(2):509-512. 1982. WR 192
[Zent. Rechtsmedizin, Univ. Frankfurt, Frankfurt/Main, West Germany]

84-002860 Mebs, D. MYOTOXIC SNAKE VENOM FACTORS. *Toxicon* 20(1):361. 1982. Abstract only. WR 192
[Zent. Rechtsmedizin, Univ. Frankfurt, Frankfurt/Main, West Germany] *Enhydrina schistosa*.

84-002861 Mebs, D. STUDIES ON HEMOGLOBINURIA PRODUCED BY VENOM FROM THE AUSTRALIAN SNAKE *TROPIDECHIS CARINATUS* (ROUGH-SCALED SNAKE). *Toxicon* 20(6):1085-1088. 1982. WR 192
[Zent. Rechtsmedizin, Univ. Frankfurt, Frankfurt/Main, West Germany]

84-002862 Mebs, D.; M. Ehrenfeld and Y. Samejima. LOCAL NECROTIZING EFFECT OF SNAKE VENOMS ON SKIN AND MUSCLE: RELATIONSHIP TO SERUM CREATINE KINASE. *Toxicon* 21(3):393-404. 1983. WR 192
[Zentrum Rechtsmedizin, Univ. Frankfurt, Frankfurt/Main, West Germany]

84-002863 Mendonça, Mary T. MOVEMENTS AND FEEDING ECOLOGY OF IMMATURE GREEN TURTLES (*CHELONIA MYDAS*) IN A FLORIDA LAGOON. *Copeia* 1983(4):1013-1023. 14 Dec. 1983. WR 192
[Dep. Zool., Univ. Calif., Berkeley 94720]

84-002864 Menez, A.; J.-C. Boulain; G. Faure; J. Couderc; P. Liacopoulos; N. Tamiya and P. Fromageot. COMPARISON OF THE "TOXIC" AND ANTIGENIC REGIONS IN TOXIN α ISOLATED FROM *NAJA NIGRICOLLIS* VENOM. *Toxicon* 20(1):95-103. 1982. WR 192
[Dep. Biol., CEN Saclay, 91191 Gif/Yvette, France]

84-002865 Meszler, Richard M. FINE STRUCTURE AND ORGANIZATION OF THE INFRARED RECEPTOR RELAYS: LATERAL DESCENDING NUCLEUS OF V IN BOIDAE AND NUCLEUS RETICULARIS CALORIS IN THE RATTLESNAKE. *J. Comp. Neurol.* 220(3):299-309. 1 Nov. 1983. WR 192
[Dep. Anat., Dental School, Univ. Md., Baltimore 21201] *Python reticulatus*, *Corallus enhydris*, *Epicrates striatus*, and *Crotalus viridis helleri*.

84-002866 Mills, Alex; Peter Kotanen and Randall Mooi. *ELAPHE VULPINA* NEW NORTHERN LIMIT. *Ont. Field Biol.* 37(1):39-40. June 1983. WR 192
[Algonquin Park Mus., Box 219, Whitney, Ontario, Canada K0J 2M0]

84-002867 Milton, D. A.; J. M. Hughes and P. B. Mather. ELECTROPHORETIC EVIDENCE FOR THE SPECIFIC DISTINCTNESS OF *EGERNIA MODESTA* AND *E. WHITII* (LACERTILIA: SCINCIDAE). *Herpetologica* 39(2):100-105. June 1983.

REPTILES (CONTINUED)

84-002867 CONTINUED WR 192
[Hughes: School Aust. Environ. Studies, Griffith Univ., Nathan, Queensland 4111, Australia]

84-002868 Minton, Sherman A. LETHAL TOXICITY OF VENOMS OF SNAKES FROM THE CORAL SEA. *Toxicon* 21(6):901-902. 1983. WR 192
[Dep. Microbiol. & Immunol., Indiana Univ. School Med., Indianapolis 46223] *Pelamis platurus, Aipysurus laevis, A. duboisii, Emydocephalus annulatus, Hydrophis melanocephalus* and *Acalyptophis peronii*.

84-002869 Minton, Sherman A., Jr. and Madge Rutherford Minton. TOXICITY OF SOME AUSTRALIAN SNAKE VENOMS FOR POTENTIAL PREY SPECIES OF REPTILES AND AMPHIBIANS. *Toxicon* 19(6):749-755. 1981. WR 192
[Dep. Microbiol. & Immunol., Indiana Univ. School Med., Indianapolis 46223] Data for 4 spp.

84-002870 Mohamed, A. H.; S. Fouad; S. El-Aasar; A. M. Salem; A. Abdel-Aal; Amr A. Hassan; F. Zahran and N. Abbas. EFFECTS OF SEVERAL SNAKE VENOMS ON SERUM AND TISSUE TRANSAMINASES, ALKALINE PHOSPHATASE AND LACTATE DEHYDROGENASE. *Toxicon* 19(5):605-609. 1981. WR 192
[Venom Res. Cent., Fac. Med., Ain Shams Univ., Cairo, Egypt] *Bitis arietans, B. gabonica, Dendroaspis polylepis, Naja nigricollis* and *N. haje*.

84-002871 Moriguchi, Hajime and Satoshi Naito. TRACING OF DISTANCE OF MOVEMENT OF *RHABDOPHIS TIGRINUS* (BOIE) IN A PADDY FIELD BY MARK-RECAPTURE METHOD. *Snake* 15(1):14-15. July 1983. In English with Japanese summ. WR 192
[Japan Snake Inst., Yabuzuka-honmachi, Nittagun, Gunma 379-23, Japan]

84-002872 Morris, Karen A.; Gary C. Packard; Thomas J. Boardman; Gary L. Paukstis and Mary J. Packard. EFFECT OF THE HYDRIC ENVIRONMENT ON GROWTH OF EMBRYONIC SNAPPING TURTLES (*CHELYDRA SERPENTINA*). *Herpetologica* 39(3):272-285. Sept. 1983. WR 192
[Packard, G. C.: Dep. Zool. & Entomol., Colo. State Univ., Fort Collins 80523]

84-002873 Morrison, J. J.; J. H. Pearn; N. T. Charles and A. R. Coulter. FURTHER STUDIES ON THE MASS OF VENOM INJECTED BY ELAPID SNAKES. *Toxicon* 21(2):279-284. 1983. WR 192
[Dep. Child Health, Royal Children's Hospital, Herston, Brisbane, Queensland 4029, Australia] *Pseudonaja textilis, Tropidechis carinatus*, and *Acanthophis antarcticus*.

84-002874 Morrison, J. J.; J. H. Pearn and A. R. Coulter. THE MASS OF VENOM INJECTED BY TWO ELAPIDAE: THE TAIPAN (*OXYURANUS SCUTELLATUS*) AND THE AUSTRALIAN TIGER SNAKE (*NOTECHIS SCUTATUS*). *Toxicon* 20(4):739-745. 1982. WR 192
[Dep. Child Health, Royal Children's Hospital, Herston, Brisbane, Queensland 4029, Australia]

REPTILES (CONTINUED)

84-002875 Murphy, Robert W.; William E. Cooper, Jr. and William S. Richardson. PHYLOGENETIC RELATIONSHIPS OF THE NORTH AMERICAN FIVE-LINED SKINKS, GENUS *EUMECES* (SAURIA: SCINCIDAE). *Herpetologica* 39(3):200-211. Sept. 1983. WR 192
[Dep. Biol., Univ. Calif., Los Angeles 90024]

84-002876 Murthy, T. S. N. and S. Chakrapany. REDISCOVERY OF THE BLIND SNAKE *TYPHLOPS OATESII* IN ANDAMANS, INDIA. *Snake* 15(1):48-49. July 1983. In English with Japanese summ. WR 192
[Zool. Surv. India, Madras 600 028, India]

84-002877 Nahas, L.; A. S. Kamiguti; M. C. C. Sousa e Silva; M. A. A. Ribeiro de Barros and P. Morena. THE INACTIVATING EFFECT OF *BOTHROPS JARARACA* AND *WAGLEROPHIS MERREMII* SNAKE PLASMA ON THE COAGULANT ACTIVITY OF VARIOUS SNAKE VENOMS. *Toxicon* 21(2):239-246. 1983. WR 192
[Kamiguti: Lab. Hematol., Inst. Butantan, São Paulo, Brazil]

84-002878 Naulleau, G. and V. van den Brule. FEEDING, GROWTH, MOULT AND VENOM PRODUCTION IN THE RUSSELL'S VIPER *VIPERA RUSSELLI* IN CAPTIVITY. *Int. Zoo Yearb.* 21:163-172. 1981. WR 192
[Cent. d'Etudes Biol. Anim. Sauvages, Villiers-en-Bois, 79360 Beauvoir-su-Niort, France]

84-002879 Nicoletto, Paul. THE ROLE OF VISION AND OLFACTION IN PREY SELECTION BY THE SKINK *SCINCELLA LATERALIS*. *Va. J. Sci.* 34(3):131. 1983. Abstract only. WR 192
[Dep. Biol., Va. Polytech. Inst. & State Univ., Blacksburg 24061]

84-002880 Nouira, Said. PARTAGE DES RESSOURCES ALIMENTAIRES ENTRE DEUX LACERTIDAE SYMPATRIQUES DES ILES KERKENNAH (TUNISIE): *ACANTHODACTYLUS PARDALIS* ET *EREMIAS OLIVIERI*. [SHARING OF TROPHIC RESOURCES BETWEEN TWO SYMPATRIC LACERTIDAE OF KERKENNAH ISLANDS (TUNISIA): *ACANTHODACTYLUS PARDALIS* AND *EREMIAS OLIVIERI*.] *Bull. Soc. Zool. Fr.* 108(3):477-483. 1983. In French with English summ. WR 192
[Lab. Zool., École Normale Supérieure, 46 Rue d'Ulm, 75230 Paris Cedex 05, France]

84-002881 O'Connell, Barbara; Robin Greenlee; James Bacon and David Chiszar. STRIKE-INDUCED CHEMOSENSORY SEARCHING IN THE OLD WORLD VIPERS AND NEW WORLD PIT VIPERS AT SAN DIEGO ZOO. *Zoo Biol.* 1(4):287-294. 1982. WR 192
[Chiszar: Dep. Psychol., Univ. Colo., Boulder 80309] *Crotalus unicolor*, *C. vegrandis*, and *Vipera russelli*.

84-002882 Ohtani, Y. and H. Takahashi. PURIFICATION OF A CAPILLARY PERMEABILITY INCREASING-ENZYME FROM THE VENOM OF *AGKISTRODON CALIGINOSUS* (KANKOKU-MAMUSHI). *Toxicon* 21(6):871-878. 1983. WR 192
[Meiji Coll. Pharmacy, 1-35-23 Nozawa, Setagaya-ku, Tokyo 154, Japan]

REPTILES (CONTINUED)

84-002883 Ohtsuka, Teruya. AXONS CONNECTING SOMATA AND AXON TERMINALS OF LUMINOSITY-TYPE HORIZONTAL CELLS IN THE TURTLE RETINA: RECEPTIVE FIELD STUDIES AND INTRACELLULAR INJECTIONS OF HRP. *J. Comp. Neurol.* 220(2):191-198. 20 Oct. 1983. WR 192
[Dep. Information Physiol., Natl. Inst. Physiol. Sci., Okazaki 444, Japan] *Geoclemys reevesii.*

84-002884 Okotore, R. O. and W. Duane Brown. ISOLATION AND CHARACTERISATION OF MYOGLOBIN FROM THE FRESH WATER TORTOISE, *TRIONYX NILOTICUS. Comp. Biochem. Physiol. B Comp. Biochem.* 76(3):479-482. 1983. WR 192
[Dep. Biochem., Coll. Med., Univ. Lagos, P.M.B. 12003, Lagos, Nigeria]

84-002885 Oldham, Jonathan C. AND Hobart M. Smith. RELATIONSHIPS AMONG IGUANINE LIZARDS (SAURIA: IGUANIDAE) AS SUGGESTED BY APPENDICULAR MYOLOGY. *Bull. Md. Herpetol. Soc.* 19(3):73-82. 30 Sept. 1983. WR 192
[Dep. Biol., Metropolitan State Coll., Denver, CO 80204]

84-002886 Orel, Boris; Anka Ritonja and Franc Gubenšek. RAMAN SPECTRA OF TWO PHOSPHOLIPASES $A_2$ FROM *VIPERA AMMODYTES* VENOM. *Period. Biol.* 85(2):123-126. Sept. 1983. WR 192
[Gubenšek: Dep. Biochem., J. Stefan Inst., P.O. Box 199, 61001 Ljubljana, Yugoslavia]

84-002887 Orlova, V. F. and E. M. Smirina. [AGE DETERMINATION OF *LACERTA DERJUGINI* NIK. IN NATURAL POPULATIONS.] *Biol. Nauki (Mosc.)* 1983(9):53-57. 1983. In Russian with English summ. WR 192

84-002888 Ouboter, P. E. THE ECOLOGY OF THE ISLAND-LIZARD *PODARCIS SICULA SALFII*: CORRELATION OF MICRODISTRIBUTION WITH VEGETATION COVERAGE, THERMAL ENVIRONMENT AND FOOD-SIZE. *Amphibia-Reptilia* 2(3):243-257. 1981. From Ecol. Abstr. 1982/6:82L/8390. 1982. WR 192

84-002889 Ouyang, Chaoho and Tur-Fu Huang. INHIBITION OF PLATELET AGGREGATION BY 5'-NUCLEOTIDASE PURIFIED FROM *TRIMERESURUS GRAMINEUS* SNAKE VENOM. *Toxicon* 21(4):491-501. 1983. WR 192
[Pharmacol. Inst., Coll. Med., Natl. Taiwan Univ., Taipei, Taiwan 100]

84-002890 Ouyang, Chaoho; Horng-I Yeh and Tur-Fu Huang. A POTENT PLATELET AGGREGATION INHIBITOR PURIFIED FROM *AGKISTRODON HALYS* (MAMUSHI) SNAKE VENOM. *Toxicon* 21(6):797-804. 1983. WR 192
[Pharmacol. Inst., Coll. Med., Natl. Taiwan Univ., Taipei, Taiwan]

84-002891 Ouyang, Chaoho; Lih-Juang Hwang and Tur-Fu Huang. α-FIBRINOGENASE FROM *AGKISTRODON RHODOSTOMA* (MALAYAN PIT VIPER) SNAKE VENOM. *Toxicon* 21(1):25-33. 1983. WR 192
[Pharmacol. Inst., Coll. Med., Natl. Taiwan Univ., Taipei, Taiwan]

84-002892 Ownby, Charlotte L.; George V. Odell and R. D. G. Theakston. DETECTION OF ANTIBODIES TO MYOTOXIN *a* AND PRAIRIE RATTLESNAKE (*CROTALUS VIRIDIS VIRIDIS*) VENOM IN THREE ANTISERA USING ENZYME-LINKED

REPTILES (CONTINUED)

84-002892 CONTINUED IMMUNOSORBENT ASSAY AND IMMUNODIFFUSION. *Toxicon* 21(6):849-855. 1983. WR 192
[Dep. Physiol. Sci., Okla. State Univ., Stillwater 74078]

84-002893 Ownby, Charlotte L.; George V. Odell; William M. Woods and Terry R. Colberg. ABILITY OF ANTISERUM TO MYOTOXIN *a* FROM PRAIRIE RATTLESNAKE (*CROTALUS VIRIDIS VIRIDIS*) VENOM TO NEUTRALIZE LOCAL MYOTOXICITY AND LETHAL EFFECTS OF MYOTOXIN *a* AND HOMOLOGOUS CRUDE VENOM. *Toxicon* 21(1):35-45. 1983. WR 192
[Dep. Physiol. Sci., Okla. State Univ., Stillwater 74078]

84-002894 Pandya, Bharat V.; Ronald N. Rubin; Stephanie A. Olexa and Andrei Z. Budzynski. UNIQUE DEGRADATION OF HUMAN FIBRINOGEN BY PROTEASES FROM WESTERN DIAMONDBACK RATTLESNAKE (*CROTALUS ATROX*) VENOM. *Toxicon* 21(4):515-526. 1983. WR 192
[Budzynski: 606 OMS, Temple Univ. H.S.C., Philadelphia, PA 19140]

84-002895 Peterson, Karl H. REPRODUCTION IN CAPTIVE *HELODERMA SUSPECTUM*. *Herpetol. Rev.* 13(4):122-124. Dec. 1982. WR 192
[Dep. Herpetol., Houston Zool. Gardens, P.O. Box 1562, Houston, TX 77001]

84-002896 Petković, Dragoljub; Mirjana Pavlović; Dragica Matejević; Nadežda Unković-Cvetković; Tomislav Jovanović; Nada Aleksić; Miodrag Cvetković; Jelena Čolović and Borivoje Stamenović. INFLUENCE OF CALCIUM ON THE ACTION OF *VIPERA AMMODYTES AMMODYTES* SNAKE VENOM ON THE MYOCARDIUM. *Toxicon* 21(6):887-892. 1983. WR 192
[Cvetković: Dep. Biochem., Fac. Med., Visegradska 26, 11000 Belgrade, Yugoslavia]

84-002897 Petney, T. N.; R. H. Andrews and C. M. Bull. MOVEMENT AND HOST FINDING BY UNFED NYMPHS OF TWO AUSTRALIAN REPTILE TICKS. *Aust. J. Zool.* 31(5):717-721. 1983. WR 192
[School Biol. Sci., Flinders Univ., Bedford Park, South Australia 5042, Australia]

84-002898 Phillips, J. A. ONTOGENY OF THERMOREGULATION IN BLUE-TONGUE SKINKS, *TILIQUA SCINCOIDES*. *Am. Zool.* 23(4):916. 1983. Abstract only. WR 192
[Zool. Soc., San Diego, CA]

84-002899 Pickwell, George V.; Robert L. Bezy and John E. Fitch. NORTHERN OCCURRENCES OF THE SEA SNAKE, *PELAMIS PLATURUS*, IN THE EASTERN PACIFIC, WITH A RECORD OF PREDATION ON THE SPECIES. *Calif. Fish Game* 69(3):172-177. July 1983. WR 192
[Mar. Sci. Div., Naval Ocean Systems Cent., San Diego, CA 92152]

84-002900 Pilorge, Thierry; Francoise Xavier and Robert Barbault. VARIATIONS IN LITTER SIZE AND REPRODUCTIVE EFFORT WITHIN AND BETWEEN SOME POPULATIONS OF *LACERTA VIVIPARA*. *Holarctic Ecol.* 6(4):381-386. Oct.

REPTILES (CONTINUED)

84-002900 CONTINUED 1983. WR 192
[Lab. Zool., Ecol. Normale Supérieure, 46 rue d'Ulm, F-75230 Paris Cedex 05, France]

84-002901 Platt, Thomas R. THE REDISCOVERY OF *CAPILLARIA SERPENTINA* (NEMATODA: TRICHUROIDEA) FROM FRESH-WATER TURTLES IN VIRGINIA. *Va. J. Sci.* 34(3):133. 1983. Abstract only. WR 192
[Dep. Biol., Univ. Richmond, Richmond, VA 23173] *Chelydra serpentina, Chrysemys picta picta,* and *Sternotherus odoratus.*

84-002902 Pool, W. R. and A. L. Bieber. FRACTIONATION OF MIDGET FADED RATTLESNAKE (*CROTALUS VIRIDIS CONCOLOR*) VENOM: LETHAL FRACTIONS AND ENZYMATIC ACTIVITIES. *Toxicon* 19(4):517-527. 1981. WR 192
[Dep. Chem., Ariz. State Univ., Tempe 85281]

84-002903 Pounds, J. Alan; James F. Jackson and Stephen H. Shively. ALLOMETRIC GROWTH OF THE HIND LIMBS OF SOME TERRESTRIAL IGUANID LIZARDS. *Am. Midl. Nat.* 110(1):201-207. July 1983. WR 192
[Dep. Zool., Univ. Fla., Gainesville 32611]

84-002904 Powlick, George D. and Collis R. Geren. FRACTIONATION AND PARTIAL CHARACTERIZATION OF TOXIC COMPONENTS OF *AGKISTRODON P. PISCIVORUS* (EASTERN COTTONMOUTH MOCCASIN) VENOM. *Toxicon* 19(6):867-874. 1981. WR 192
[Dep. Chem., Univ. Arkansas, Fayetteville 72701]

84-002905 Prado-Franceschi, J.; D. Q. Tavares; R. Hertel and A. Lobo de Araújo. EFFECTS OF CONVULXIN, A TOXIN FROM RATTLESNAKE VENOM, ON PLATELETS AND LEUKOCYTES OF ANESTHETIZED RABBITS. *Toxicon* 19(5):661-666. 1981. WR 192
[Dep. Pharmacol., Fac. Med. Sci., Campinas State Univ., 13100 Campinas, São Paulo, Brazil] *Crotalus* sp.

84-002906 Prado-Franceschi, J. and O. Vital Brazil. CONVULXIN, A NEW TOXIN FROM THE VENOM OF THE SOUTH AMERICAN RATTLESNAKE *CROTALUS DURISSUS TERRIFICUS*. *Toxicon* 19(6):875-887. 1981. WR 192
[Dep. Pharmacol., Fac. Med. Sci., Campinas State Univ., 13100 Campinas, São Paulo, Brazil]

84-002907 Rael, Eppie D. and Larry P. Jones. ISOLATION OF AN ANTICOMPLEMENT FACTOR FROM THE VENOM OF THE MOJAVE RATTLESNAKE (*CROTALUS SCUTULATUS SCUTULATUS*). *Toxicon* 21(1):57-65. 1983. WR 192
[Dep. Biol. Sci., Univ. Tex., El Paso 79968]

84-002908 Rainey, William E. GUIDE TO SEA TURTLE VISCERAL ANATOMY. *U.S. Natl. Mar. Fish. Serv. Tech. Mem.* SEFC-82. i + 82p. Nov. 1981. From Monthly Catalog of U.S. Government Publications 83-12922. June 1983. WR 192

REPTILES (CONTINUED)

84-002909 Rathbun, Gary A. and Lyle R. Heim. THE DUAL NATURE OF COMPLEMENT ENHANCEMENT BY VENOM FROM THE MOJAVE RATTLESNAKE (*CROTALUS SCUTULATUS SCUTULATUS*). *Toxicon* 20(2):495-499. 1982. WR 192
[Dep. Microbiol., Univ. Tex. Health Sci. Cent., Dallas 75235]

84-002910 Reichl, Antonia P.; Marina T. Assakura and Fajga R. Mandelbaum. BIOPHYSICAL PROPERTIES AND AMINO ACID COMPOSITION OF *BOTHROPS* PROTEASE A, A PROTEOLYTIC ENZYME ISOLATED FROM THE VENOM OF THE SNAKE *BOTHROPS JARARACA* (JARARACA). *Toxicon* 21(3):421-427. 1983. WR 192
[Mandelbaun: Serv. Bioquim. Inst. Butantan, 05504 São Paulo, Brazil]

84-002911 Reinert, Howard Keith. HABITAT VARIATION WITHIN AND BETWEEN SYMPATRIC SNAKE POPULATIONS. *Ph.D. dissertation, Lehigh Univ.* 104p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):1000. Oct. 1983. WR 192
*Crotalus horridus* and *Agkistrodon contortrix mokeson*.

84-002912 Rose, Francis L. ASPECTS OF THE THERMAL BIOLOGY OF THE BOLSON TORTOISE, *GOPHERUS FLAVOMARGINATUS*. *Occas. Pap. Mus. Tex. Tech Univ.* No. 89. 8p. 4 Nov. 1983. WR 192
[Dep. Biol. Sci., Tex. Tech Univ., Lubbock 79409]

84-002913 Ruan Changgeng; Xi Xiaodong; Wan Haiying; Li Peixia; Gu Zhenlun; Pan Jianxin; Zhu Lujia; Wang Wanyu; Xiong Yuliang; Yang Changjiu and Chen Xilan. [THE ACTIVATION OF PLATELET INDUCED BY THE VENOM OF THE *TRIMERESURUS MUCROSQUAMATUS* (FROM HUNAN PROVINCE).] *Zool. Res.* 4(3):245-254. Aug. 1983. In Chinese with English summ. WR 192
[Suzhon Med. Coll., China]

84-002914 Russell, Findlay E. and Charles M. Bogert. GILA MONSTER: ITS BIOLOGY, VENOM AND BITE--A REVIEW. *Toxicon* 19(3):341-359. 1981. WR 192
[Dep. Pharmacol. & Toxicol., Coll. Pharmacy, Univ. Ariz., Tucson] *Heloderma suspectum*.

84-002915 Saint Girons, H. RÉGIME ET RATIONS ALIMENTAIRES DES SERPENTS. [DIET AND FOOD HABITS OF SNAKES.] *Bull. Soc. Zool. Fr.* 108(3):431-437. 1983. In French. WR 192
[Lab. Evol. Etres Organisés, Univ. Pierre & Marie Curie, 105 Blvd. Raspail, 75006 Paris, France]

84-002916 Sakai, Atsushi; Manabu Honma and Yoshio Sawai. STUDIES ON THE PATHOGENESIS OF ENVENOMATION OF THE JAPANESE COLUBRID SNAKE, YAMAKAGASHI, *RHABDOPHIS TIGRINUS TIGRINUS* (BOIE). 1. STUDY ON THE TOXICITY OF THE VENOM. *Snake* 15(1):7-13. July 1983. In English with Japanese summ. WR 192
[Japan Snake Inst., Yabuzuka-honmachi, Nittagun, Gunma 379-23, Japan]

84-002917 Sawai, Y. and Y. Kawamura. HABU (*TRIMERESURUS FLAVOVIRIDIS*) BITES ON THE AMAMI ISLANDS OF JAPAN IN 1977. *Snake* 15(1):1-6. July 1983. In English with Japanese summ. WR 192
[Japan Snake Inst., Yabuzuka-honmachi, Nittagun, Gunma 379-23, Japan]

REPTILES (CONTINUED)

84-002918 Sawai, Yoshio, editor. THE JAPAN SNAKE INSTITUTE THREE-YEAR REPORT JANUARY 1, 1978-DECEMBER 31, 1980. *Snake* 15(1):53-67. July 1983. In English with Japanese summ. WR 192
[Yabuzuka-honmachi, Nittagun, Gunma 379-23, Japan]

84-002919 Schafer, Susan F. and C. O'Neil Krekorian. AGONISTIC BEHAVIOR OF THE GALAPAGOS TORTOISE, *GEOCHELONE ELEPHANTOPUS*, WITH EMPHASIS ON ITS RELATIONSHIP TO SADDLE-BACKED SHELL SHAPE. *Herpetologica* 39(4):448-456. Dec. 1983. WR 192
[Dep. Herpetol., Zool. Soc. San Diego, P.O. Box 551, San Diego, CA 92112]

84-002920 Scheuermann, D. W.; M. H. A. De Groodt-Lasseel; C. Stilman and M.-L. Meisters. A CORRELATIVE LIGHT-, FLUORESCENCE- AND ELECTRON-MICROSCOPIC STUDY OF NEUROEPITHELIAL BODIES IN THE LUNG OF THE RED-EARED TURTLE, *PSEUDEMYS SCRIPTA ELEGANS*. *Cell Tissue Res.* 234(2):249-269. 1983. WR 192
[Inst. Histol. & Microscopic Anat., Univ. Antwerp, Groenenborgerlaan 171, B-2020 Antwerp, Belgium]

84-002921 Schmidt, Robert E. and Kenneth C. Fletcher. NON O-GROUP 1 *VIBRIO CHOLERAE* INFECTION IN A DESERT TORTOISE (*GOPHERUS BERLANDERI*). *J. Wildl. Dis.* 19(4):358-359. Oct. 1983. WR 192
[Vet. Sci. Div., U.S. Air Force, Brooks Air Force Base, TX 78235]

84-002922 Schnyder, H. and H. Künzle. THE RETINOPETAL SYSTEM IN THE TURTLE *PSEUDEMYS SCRIPTA ELEGANS*. *Cell Tissue Res.* 234(1):219-224. Oct. 1983. WR 192
[Künzle: Brain Res. Inst., Univ. Zürich, August Forelstraße 1, CH-8029 Zürich, Switzerland]

84-002923 Schwenk, K. FUNCTIONAL MORPHOLOGY AND EVOLUTION OF THE CHAMELEON TONGUE TIP. *Am. Zool.* 23(4):1028. 1983. Abstract only. WR 192
[Univ. Calif., Berkeley]

84-002924 Scudder, Roy M. and Gordon M. Burghardt. A COMPARATIVE STUDY OF DEFENSIVE BEHAVIOR IN THREE SYMPATRIC SPECIES OF WATER SNAKES (*NERODIA*). *Z. Tierpsychol.* 63(1):17-26. Sept. 1983. In English with German summ. WR 192
[Dep. Zool., Univ. Tenn., Knoxville 37996] *N. cyclopion*, *N. fasciata*, and *N. rhombifera*.

84-002925 Seib, R. L. and T. J. Papenfuss. SURVEY OF SLAC LANDS FOR SAN FRANCISCO GARTER SNAKE. *Stanford Linear Accelerator Cent. (Calif.)* SLAC-TN-81-8. 9p. Nov. 1981. From U.S. Government Reports 83(8):1462. 15 Apr. 1983. Available from NTIS as DE82012904. WR 192
*Thamnophis sirtalis tetrataenia* in California.

84-002926 Seidel, Michael E. and Bayard Green. ON THE OCCURRENCE OF COOTER TURTLES (SUBGENUS *PSEUDEMYS*) IN THE UPPER OHIO RIVER VALLEY. *Herpetol. Rev.* 13(4):132-134. Dec. 1982. WR 192

REPTILES (CONTINUED)

84-002926 CONTINUED
[Dep. Biol. Sci. & Vertebr. Mus., Marshall Univ., Huntington, WV 25701] *Pseudemys scripta elegans.*

84-002927 Seigel, Richard A. OCCURRENCE AND EFFECTS OF BARNACLE INFESTATIONS ON DIAMONDBACK TERRAPINS (*MALACLEMYS TERRAPIN*). *Am. Midl. Nat.* 109(1):34-39. Jan. 1983. WR 192
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045]

84-002928 Semenov, D. V. and G. S. Kulikova. [HOME RANGES AND MIGRATIONS OF *PHRYNOCEPHALUS INTERSCAPULARIS* (REPTILIA, AGAMIDAE).] *Zool. Zh.* 62(8):1209-1220. Aug. 1983. In Russian with English summ. WR 192
[Inst. Anim. Evol., Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR]

84-002929 She Weiming; Qui Xuezhen; Qu Xianming and Cheng Feng. [STUDIES ON THE CHOLINESTERASE FROM THE VENOM OF *NAJA NAJA ATRA* OF ZHEJIANG PROVINCE III. SOME HYDROPHOBIC CHROMATOGRAPHIC BEHAVIOUR.] *Zool. Res.* 4(3):255-259. Aug. 1983. In Chinese with English summ. WR 192
[Shanghai Inst. Biochem., Acad. Sinica, Shanghai, China]

84-002930 Sites, Jack W., Jr. and Ira F. Greenbaum. CHROMOSOME EVOLUTION IN THE IGUANID LIZARD *SCELOPORUS GRAMMICUS*. II. ALLOZYME VARIATION. *Evolution* 37(1):54-65. Jan. 1983. WR 192
[Dep. Zool., Brigham Young Univ., Provo, UT 84602]

84-002931 Sites, Jack W., Jr. CHROMOSOME EVOLUTION IN THE IGUANID LIZARD *SCELOPORUS GRAMMICUS*. I. CHROMOSOME POLYMORPHISMS. *Evolution* 37(1):38-53. Jan. 1983. WR 192
[Dep. Zool., Brigham Young Univ., Provo, UT 84602]

84-002932 Smith, E. Norbert; Edward A. Standora and Stanley L. Robertson. PHYSIOLOGICAL THERMOREGULATION OF MATURE ALLIGATORS. *Comp. Biochem. Physiol. A Comp. Physiol.* 77(1):189-193. 1983. WR 192
[Hansen Res. Foundation, Rt. 5, Box 217, Weatherford, OK 73046] *Alligator mississippiensis.*

84-002933 Smith, K. K. THE MORPHOLOGY AND FUNCTION OF THE TONGUE IN LIZARDS. *Am. Zool.* 23(4):1028. 1983. Abstract only. WR 192
[Duke Univ. Med. Cent., Durham, NC]

84-002934 Sprackland, Robert George. *VARANUS* "MONITOR": AN INVALID NAME FOR *VARANUS BENGALENSIS*. *Herpetol. Rev.* 13(4):117. Dec. 1982. WR 192
[P.O. Box 2312, Lawrence, KS 66045]

84-002935 Stamps, Judy. TERRITORIALITY AND THE DEFENCE OF PREDATOR-REFUGES IN JUVENILE LIZARDS. *Anim. Behav.* 31(3):857-870. Aug. 1983. WR 192
[Dep. Zool., Univ. Calif., Davis 95616] *Anolis aeneus.*

REPTILES (CONTINUED)

84-002936 Stewart, J. R. and R. E. Castillo. COMPOSITION OF EGGS AND NEWBORN OF THE VIVIPAROUS SNAKE, *NERODIA RHOMBIFERA*. Am. Zool. 23(4):1018. 1983. Abstract only. WR 192
[Univ. Tulsa, Tulsa, OK]

84-002937 Stork, N. E. A COMPARISON OF THE ADHESIVE SETAE ON THE FEET OF LIZARDS AND ARTHROPODS. *J. Nat. Hist.* 17(6):829-834. Nov.-Dec. 1983. WR 192
[Dep. Entomol., British Mus. (Nat. Hist.), Cromwell Rd., London SW7 5BD, England] *Tarentola mauritanica, T. delandii, G. gecko,* and *Anolis maynardi.*

84-002938 Su, M. J.; A. R. Coulter; S. K. Sutherland and C. C. Chang. THE PRESYNAPTIC NEUROMUSCULAR BLOCKING EFFECT AND PHOSPHOLIPASE $A_2$ ACTIVITY OF TEXTILOTOXIN, A POTENT TOXIN ISOLATED FROM THE VENOM OF THE AUSTRALIAN BROWN SNAKE, *PSEUDONAJA TEXTILIS*. *Toxicon* 21(1):143-151. 1983. WR 192
[Chang: Dep. Pharmacol., Coll. Med., Natl. Taiwan Univ., Taipei, Taiwan]

84-002939 Táborská, Eva and František Kornalík. EVALUATION OF NECROTIZING EFFECT OF SNAKE VENOMS. *Toxicon* 20(1):362. 1982. Abstract only. WR 192
[Inst. Pathophysiol., Charles Univ., 128 53 Praha 2, U nemocnice 5, Czechoslovakia]

84-002940 Tan, Nget-Hong. ISOLATION AND CHARACTERIZATION OF TWO TOXINS FROM THE VENOM OF THE MALAYAN COBRA (*NAJA NAJA SPUTATRIX*). *Toxicon* 21(2):201-207. 1983. WR 192
[Dep. Biochem., Fac. Med., Univ. Malaya, Kuala Lumpur, Malaysia]

84-002941 Tan, Nget-Hong. IMPROVEMENT OF MALAYAN COBRA (*NAJA NAJA SPUTATRIX*) ANTIVENIN. *Toxicon* 21(1):75-79. 1983. WR 192
[Dep. Biochem., Fac. Med., Univ. Malaya, Kuala Lumpur, Malaysia]

84-002942 Tanner, Wilmar W. *LAMPROPELTIS PYROMELANA* (COPE), SONORAN MOUNTAIN KINGSNAKE. *Catalogue of American Amphibians and Reptiles* p. 342.1-342.2. 30 Dec. 1983. WR 192
[Brigham Young Univ., Provo, UT 84602]

84-002943 Taylor, Harry Leonard. GEOGRAPHIC PATTERNS OF VARIATION IN THE TEIID LIZARDS *CNEMIDOPHORUS TIGRIS SEPTENTRIONALIS* AND *C. T. GRACILIS* AND THEIR SYSTEMATIC RELATIONSHIPS. *Ph.D. dissertation, Univ. Colo. (Boulder)* 146p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(4):1029. Oct. 1983. WR 192

84-002944 Theakston, R. D. G. THE APPLICATION OF IMMUNOASSAY TECHNIQUES, INCLUDING ENZYME-LINKED IMMUNOSORBENT ASSAY (ELISA), TO SNAKE VENOM RESEARCH. *Toxicon* 21(3):341-352. 1983. WR 192
[Dep. Trop. Med., Liverpool School Trop. Med., Pembroke Place, Liverpool L3 5QA, England]

REPTILES (CONTINUED)

84-002945 Theakston, R. D. G.; H. A. Reid and D. Iddon. STANDARDIZATION TESTS FOR ESTIMATING DEFIBRINATING, COAGULANT, HAEMORRHAGIC AND NECROTIZING EFFECTS OF SNAKE VENOM. *Toxicon* 20(1):363. 1982. Abstract only. WR 192
[Liverpool School Trop. Med., Pembroke Place, Liverpool L3 5QA, England]

84-002946 Theakston, R. D. G. and H. A. Reid. EPIDEMIOLOGY OF SNAKE BITE IN WEST AFRICA. *Toxicon* 20(1):364. 1982. Abstract only. WR 192
[Liverpool School Trop. Med., Pembroke Place, Liverpool L3 5QA, England] *Echis carinatus* and *Naja nigricollis*.

84-002947 Thorpe, Roger S. and Michael R. Giddings. THE BIOCHEMISTRY OF KERATIN IN GREEN GECKOS (*PHELSUMA*) AND ITS SYSTEMATIC VALUE. *Herpetologica* 39(4):399-410. Dec. 1983. WR 192
[Dep. Zool., Univ. Aberdeen, Aberdeen AB9 2TN, Scotland]

84-002948 Thouin, L. G., Jr.; A. Ritonja; F. Gubenšek and F. E. Russell. NEUROMUSCULAR AND LETHAL EFFECTS OF PHOSPHOLIPASE A FROM *VIPERA AMMODYTES* VENOM. *Toxicon* 20(6):1051-1058. 1982. WR 192
[Russell: Dep. Pharmacol. & Toxicol., Coll. Pharmacy, Univ. Ariz., Tucson 85721]

84-002949 Thouin, L. G., Jr.; A. Ritonja; F. Gubensek and F. E. Russell. NEUROMUSCULAR EFFECTS OF LETHAL PHOSPHOLIPASES A FROM *VIPERA AMMODYTES* VENOM. *Toxicon* 20(1):208. 1982. Abstract only. WR 192
[Lab. Neurol. Res., Univ. South Calif., Los Angeles 90033]

84-002950 Thurston, Jean. ESTUDIO SOBRE LA ECOLOGIA DE TORTUGAS MARINAS EN ISLA DE MONA. [STUDY ON THE ECOLOGY OF MARINE TURTLES ON MONA ISLAND.] *Segundo Simp. Dep. Rec. Nat.* p. 140-150. 1976. In Spanish. WR 192
[Dep. Nat. Resour., P.O. Box 5887, Puerta de Tierra, PR 00906]

84-002951 Toriba, M.; H. Moriguchi; A. Sakai; H. Sugano and H. Miyata. [REPTILES OF THE WESTERN PART OF TOCHIGI PREFECTURE, JAPAN.] *Snake* 15(1):43-47. July 1983. In Japanese with English summ. WR 192
[Japan Snake Inst., Yabuzuka-honmachi, Nittagun, Gunma 379-23, Japan] Seven species of snakes and three species of lizards.

84-002952 Tremper, Ronald L. A NOTE ON THE BREEDING OF THE NEOTROPICAL RAT SNAKE *ELAPHE FLAVIRUFA FLAVIRUFA* AT THE FRESNO ZOO. *Int. Zoo Yearb.* 21:95-96. 1981. WR 192
[Fresno Zoo, Fresno, CA 93728]

84-002953 Trillmich, Krisztina G. K. THE MATING SYSTEM OF THE MARINE IGUANA (*AMBLYRHYNCHUS CRISTATUS*). *Z. Tierpsychol.* 63(2-3):141-172. Oct.-Nov. 1983. In English with German summ. WR 192
[Max-Planck-Inst. Verhaltensphysiol., D-8131 Seewiesen, West Germany]

84-002954 Troyer, Katherine. THE BIOLOGY OF IGUANINE LIZARDS: PRESENT STATUS AND FUTURE DIRECTIONS. *Herpetologica* 39(3):317-328. Sept. 1983. WR 192
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720]

REPTILES (CONTINUED)

84-002955 Tsai, M. C.; C. Y. Lee and A. Bdolah. MODE OF NEUROMUSCULAR BLOCKING ACTION OF A TOXIC PHOSPHOLIPASE $A_2$ FROM *PSEUDOCERASTES FIELDI* (FIELD'S HORNED VIPER) SNAKE VENOM. *Toxicon* 21(4):527-534. 1983. WR 192
[Pharmacol. Inst., Coll. Med., Natl. Taiwan Univ., Taipei, Taiwan]

84-002956 Tsuji, J. S. INVERSE ACCLIMATION IN TEMPERATE AND TROPICAL SCELOPORUS LIZARDS. *Am. Zool.* 23(4):916. 1983. Abstract only. WR 192
[Univ. Wash., Seattle] *Sceloporus occidentalis* and *S. variabilis* in Costa Rica.

84-002957 Tu, Anthony T. and Robert R. Hendon. CHARACTERIZATION OF LIZARD VENOM HYALURONIDASE AND EVIDENCE FOR ITS ACTION AS A SPREADING FACTOR. *Comp. Biochem. Physiol. B Comp. Biochem.* 76(2):377-383. 1983. WR 192
[Dep. Biochem., Colo. State Univ., Fort Collins 80523] *Heloderma horridum horridum.*

84-002958 Turner, J. S.; T. Baynes; C. R. Tracy and B. Weigler. BURST SWIMMING IN ALLIGATORS AND THE EFFECT OF TEMPERATURE. *Am. Zool.* 23(4):956. 1983. Abstract only. WR 192
[Dep. Zool., Duke Univ., Durham, NC] *Alligator mississippiensis.*

84-002959 Turner, Robert G.; Neil T. Shepard and Donald W. Nielsen. WHOLE-NERVE RESPONSE TO TONE BURSTS IN THE ALLIGATOR LIZARD. *J. Acoust. Soc. Am.* 74(suppl. 1):S7. 1983. Abstract only. WR 192
[Otological Res. Lab., Henry Ford Hospital, Detroit, MI 48202] *Gerrhonotus multicarinatus.*

84-002960 Ultsch, Gordon R. and Dennis Lee. RADIOTELEMETRIC OBSERVATIONS OF WINTERING SNAPPING TURTLES (*CHELYDRA SERPENTINA*) IN RHODE ISLAND. *J. Ala. Acad. Sci.* 54(4):200-206. Oct. 1983. WR 192
[Dep. Biol., Univ. Ala., Tuscaloosa 35486]

84-002961 Unković-Cvetoković, N.; M. Cvetković; D. Petković; T. Jovanović and S. Unković. HISTOPATHOLOGICAL CHANGES IN RAT MYOCARDIUM CAUSED BY *VIPERA AMMODYTES AMMODYTES* (EUROPEAN VIPER) SNAKE VENOM. *Toxicon* 21(3):429-432. 1983. WR 192
[Dep. Histol., Fac. Med., 11000 Belgrade, Yugoslavia]

84-002962 van Berkum, F. H. EVOLUTIONARY INTERACTION OF THERMAL PHYSIOLOGY AND FIELD BODY TEMPERATURES OF ANOLIS LIAZRDS. *Am. Zool.* 23(4):889. 1983. Abstract only. WR 192
[Univ. Wash., Seattle] *Anolis* spp.

84-002963 Vassilenko, S. K.; A. S. Boutorin; S. P. Maëv; F. J. Vityugov; L. G. Boldyreva and V. K. Ryte. [SPECIFICITY OF MIDDLE ASIA COBRA (*NAJA NAJA OXIANA*) VENOM NUCLEASE TO THE POLYRIBONUCLEOTIDE MACROSTRUCTURE.] *Mol. Biol. (Mosc.)* 17(4):818-826. July-Aug. 1983. In Russian with English summ. WR 192
[All-Union Sci. Res. Inst. Mol. Biol., Novosibirsk State Univ., Novosibirsk, USSR]

REPTILES (CONTINUED)

84-002964 Vest, Darwin K. THE TOXIC DUVERNOY'S SECRETION OF THE WANDERING GARTER SNAKE, *THAMNOPHIS ELEGANS VAGRANS*. *Toxicon* 19(6):831-839. 1981. WR 192
[Dep. Zool., Wash. State Univ., Pullman 99164]

84-002965 Viljoen, Cornelis C.; Dawie P. Botes and Helene Kruger. ISOLATION AND AMINO ACID SEQUENCE OF CAUDOXIN, A PRESYNAPTIC ACTING TOXIC PHOSPHOLIPASE $A_2$ FROM THE VENOM OF THE HORNED PUFF ADDER (*BITIS CAUDALIS*). *Toxicon* 20(4):715-737. 1982. WR 192
[Natl. Chem. Res. Lab., P.O. Box 395, Pretoria 0001, South Africa]

84-002966 Visser, G. J. BREEDING THE WHITE-THROATED MONITOR *VARANUS EXANTHEMATICUS ALBIGULARIS* AT ROTTERDAM ZOO. *Int. Zoo Yearb.* 21:87-91. 1981. WR 192
[Reptile Sect., Royal Rotterdam Zool. & Bot. Gardens, 3039KE Rotterdam, Netherlands]

84-002967 Vitt, Laurie J. TAIL LOSS IN LIZARDS: THE SIGNIFICANCE OF FORAGING AND PREDATOR EXCAPE MODES. *Herpetologica* 39(2):151-162. June 1983. WR 192
[Biol. Dep., Univ. Calif., Los Angeles 90024]

84-002968 Vogel, Peter. ON AN ANT-LIZARD INTERACTION. *Oecologia (Berl.)* 58(2):269-271. May 1983. WR 192
[Abteilung Biol., Ruhr-Univ. Bochum, D-4630 Bochum, West Germany] *Anolis lineatopus*.

84-002969 Waldschmidt, Steve. THE EFFECT OF SUPPLEMENTAL FEEDING ON HOME RANGE SIZE AND ACTIVITY PATTERNS IN THE LIZARD *UTA STANSBURIANA*. *Oecologia (Berl.)* 57(1-2):1-5. Mar. 1983. WR 192
[Univ. Wis., Dep. Zool., Madison 53706]

84-002970 Walls, G. Y. ACTIVITY OF THE TUATARA AND IT RELATIONSHIPS TO WEATHER CONDITIONS ON STEPHENS ISLAND, COOK STRAIT, WITH OBSERVATIONS ON GECKOS AND INVERTEBRATES. *N.Z. J. Zool.* 10(3):309-318. 1983. WR 192
[Bot. Div., Dep. Sci. & Industrial Res., Private Bag, Christchurch, New Zealand] *Sphenodon punctatus*, *Hoplodactylus maculatus*, and *H. stephensi* in New Zealand.

84-002971 Wang Qishan and Qin Zaixian. [CHEMICAL ELEMENTS OF THE EGG SHELL OF *ALLIGATOR SINENSIS* AND *DIENAGKISTRODON ACUTUS*.] *Acta Zool. Sin.* 29(3):291-292. 1983. In Chinese. WR 192

84-002972 Webb, Robert G. DISTRIBUTIONAL RECORDS FOR MEXICAN REPTILES. *Herpetol. Rev.* 13(4):132. Dec. 1982. WR 192
[Dep. Biol. Sci., Univ. Tex., El Paso 79968] Data for 9 spp.

84-002973 Welker, E.; P. V. Hoogland and A. H. M. Lohman. TECTAL CONNECTIONS IN *PYTHON RETICULATUS*. *J. Comp. Neurol.* 220(3):347-354. 1 Nov. 1983. WR 192
[Dep. Anat., Vrije Univ., Amsterdam, Netherlands]

REPTILES (CONTINUED)

84-002974 Wen-xue Hao; Dong-lin Xu; Yu-ling Jiang; Dong-jiang Guo; Jiang Yu and Chun-lin Li. [THE EXPERIMENTAL STUDY OF EFFECTS OF ARGININE LIPIDASE (ARGININE ESTERASE) ON PLATELET FUNCTIONS IN RABBITS.] *Snake* 15(1):39-42. July 1983. In Japanese with English summ. WR 192
[Chinese Med. Coll., Shenyang, China] Snake venom.

84-002975 Whitaker, Romulus. COMMON INDIAN SNAKES. *Macmillan India, Ltd.* xiv + 154p. 1978. WR 192
Data for 30 spp.

84-002976 White, T. M. and R. L. Cate. PURIFICATION OF THREE ARGININE ESTERASES FROM THE VENOM OF THE WESTERN DIAMONDBACK RATTLESNAKE (*CROTALUS ATROX*). *Toxicon* 20(6):1001-1010. 1982. WR 192
[Dep. Chem., Midwestern State Univ., Wichita Falls, TX 76308]

84-002977 Whittier, J. M.; R. T. Mason and D. Crews. EFFECTS OF MATING ON SEXUAL BEHAVIOR OF MALE AND FEMALE RED-SIDED GARTER SNAKES, *THAMNOPHIS SIRTALIS PARIETALIS*. *Am. Zool.* 23(4):895. 1983. Abstract only. WR 192
[Univ. Tex., Austin]

84-002978 Widmer, Elmer A. and Gary B. Hanson. SITE SELECTION AND PENETRATION STUDIES OF *MESOCESTOIDES CORTI* (CESTODA) TETRATHYRIDIA IN THE SOUTHERN PACIFIC RATTLESNAKE, *CROTALUS VIRIDIS HELLERI*. *J. Parasitol.* 69(4):788-789. Aug. 1983. WR 192
[Dep. Environ. & Trop. Health, School Health, Loma Linda Univ., Loma Linda, CA 92350]

84-002979 Wilhoft, D. C. PARENTAL INVESTMENT IN THE SNAPPING TURTLE (*CHELYDRA SERPENTINA*). *Am. Zool.* 23(4):963. 1983. Abstract only. WR 192
[Rutgers Univ., Newark, NJ]

84-002980 Wilson, Larry David. *TANTILLA TAENIATA* (BOCOURT). *Catalogue of American Amphibians and Reptiles* p. 344.1-344.2. 30 Dec. 1983. WR 192
[Miami-Dade Community Coll., Miami, FL 33176]

84-002981 Witten, Geoffrey J. SOME KARYOTYPES OF AUSTRALIAN AGAMIDS (REPTILIA: LACERTILIA). *Aust. J. Zool.* 31(4):533-540. 1983. WR 192
[Dep. Anat., Univ. Sydney, Sydney, New South Wales 2006, Australia] Data for 22 spp.

84-002982 Wright, Clarence, Jr. BREEDING THE AMERICAN ALLIGATOR *ALLIGATOR MISSISSIPPIENSIS* AT THE TULSA ZOOLOGICAL PARK. *Int. Zoo Yearb.* 21:73-75. 1981. WR 192
[Tulsa Zool. Park, 5701 E. 36th St. N, Tulsa, OK 74115]

84-002983 Wright, John W.; Christina Spolsky and Wesley M. Brown. THE ORIGIN OF THE PARTHENOGENETIC LIZARD *CNEMIDOPHORUS LAREDOENSIS* INFERRED FROM MITOCHONDRIAL DNA ANALYSIS. *Herpetologica* 39(4):410-416. Dec. 1983. WR 192
[Section Herpetol., Nat. Hist. Mus., Los Angeles, CA 90007]

REPTILES (CONTINUED)

84-002984 Wu, S. H.; K. T. Wang and C. L. Ho. PURIFICATION AND PHARMACOLOGICAL CHARACTERIZATION OF A CARDIOTOXIN-LIKE PROTEIN FROM FORMOSAN BANDED KRAIT (*BUNGARUS MULTICINCTUS*) VENOM. *Toxicon* 20(4):753-764. 1982. WR 192
[Ho: Inst. Biol. Chem., Acad. Sinica, P.O. Box 23-106, Taipei, Taiwan]

84-002985 Wyld, Jean A. and Alan H. Brush. KERATIN DIVERSITY IN THE REPTILIAN EPIDERMIS. *J. Exp. Zool.* 225(3):387-396. Mar. 1983. WR 192
[Dep. Biol., Colby-Sawyer Coll., New London, NH 03257]

84-002986 Xun Xu; Xiansun Wang; Xingtuan Xi; Jing Liu; Jietang Huang and Zixian Lu. PURIFICATION AND PARTIAL CHARACTERIZATION OF HYALURONIDASE FROM FIVE PACE SNAKE (*AGKISTRODON ACUTUS*) VENOM. *Toxicon* 20(6):973-981. 1982. WR 192
[Dep. Biol., Univ. Sci. & Technol. China, Hefei, Anhui, China]

84-002987 Xun Xu, Chun Wang, Jing Liu and Zixian Lu. PURIFICATION AND CHARACTERIZATION OF HEMORRAHAGIC COMPONENTS FROM *AGKISTRODON ACUTUS* (HUNDRED PACE SNAKE) VENOM. *Toxicon* 19(5):633-644. 1981. WR 192
[Dep. Biol., Univ. Sci. Technol., Hefei, Anhui, China]

84-002988 Yamakawa, Masanobu and Masatoshi Nozaki. [MOUSE FOOT PAD TEST FOR THE DETERMINATION OF ANTIEDEMAFORMING AND ANTIHEMORRHAGIC POTENCY OF SNAKE ANTIVENOM. 3. TITRATION OF ANTIEDEMA FORMING POTENCIES OF HABU (*TRIMERESURUS FLAVOVIRIDIS*) ANTIVENOM.] *Snake* 15(1):32-39. In Japanese with English summ. WR 192
[Div. Venomous Snakes, Okinawa Prefectural Inst. Public Health, 720 Kyozuka, Urasoe City, Okinawa 901-21, Japan]

84-002989 Yang, C. C.; K. King and T. P. Sun. CARBAMYLATION WITH CYANATE OF BASIC PHOSPHOLIPASE $A_2$ FROM THE VENOM OF *NAJA NIGRICOLIS* (SPITTING COBRA). *Toxicon* 19(6):783-795. 1981. WR 192
[Inst. Molecular Biol., Natl. Tsing Hua Univ., Hsinchu 300, Taiwan]

84-002990 Yang, C. C.; K. King and T. P. Sun. CHEMICAL MODIFICATION OF LYSINE AND HISTIDINE RESIDUES IN PHOSPHOLIPASE $A_2$ FROM THE VENOM OF *NAJA NAJA ATRA* (TAIWAN COBRA). *Toxicon* 19(5):645-659. 1981. WR 192
[Inst. Molecular Biol., Natl. Tsing Hua Univ., Hsinchu, Taiwan]

84-002991 Zan, Yu-Pyng; Eleonora Condrea; Chen-Chung Yang and Philip Rosenberg. PHOSPHOLIPID HYDROLYSIS IN SERUM LIPOPROTEINS BY A BASIC PHOSPHOLIPASE $A_2$ FROM *NAJA NIGRICOLLIS* SNAKE VENOM AND AN ACIDIC PHOSPHOLIPASE $A_2$ FROM *NAJA NAJA ATRA* SNAKE VENOM. *Toxicon* 21(4):481-490. 1983. WR 192
[Sect. Pharmacol. & Toxicol., Univ. Conn., Storrs]

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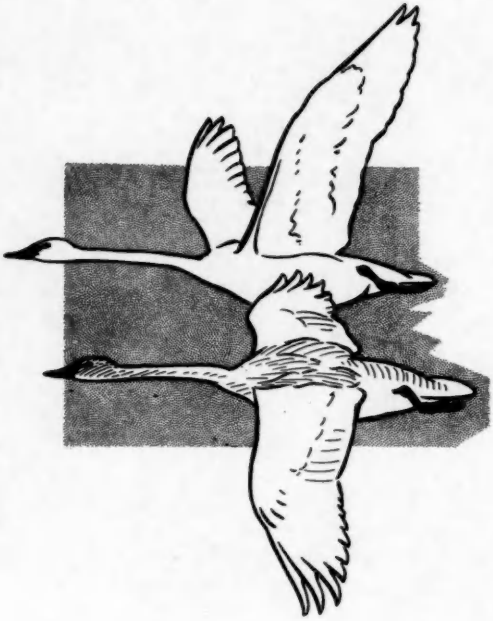

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Bibliographies
Birds--General
84-000037
84-000038
Czechoslovak Ornithological Bibliography, 1979-1980
84-000038
Haematopus ostralegus
84-001782
Birds--Banding Studies
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